Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 134 SEPTEMBER 19, 1938 Number 12

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GLYCOL DIACETATE

$CH_3COOC_2H_4OOCCH_3$

. . . a water-white liquid which boils at 186°C . . . dissolves both cellulose esters and ethers and has a xylene dilution ratio of 1.4. In its properties, it is similar to triacetin. It is an excellent solvent for printing inks and lacquers and is quite stable in the absence of water. It prevents blushing in airplane dopes, imparts suppleness to cellulose ether films, and is an excellent resin solvent. It shows promise as a perfume fixative and as a non-discoloring plasticizer.

METHYL "CELLOSOLVE" ACETATE

$CH_3COOC_2H_4OCH_3$

. . . a colorless, stable liquid with a pleasant, ester odor . . . boils at 143°C. It is miscible with organic solvents, and dissolves various gums, resins, waxes, oils, and cellulose nitrate and acetate. It has a toluene nitrocellulose dilution ratio of 2.3 and is employed in the formulation of lacquers and dopes where its moderate evaporation rate reduces blushing. It is used as a cellulose acetate solvent in textile printing and in making photographic film.

"CARBITOL" ACETATE

$CH_3COOC_2H_4OC_2H_4OC_2H_5$

. . . a colorless solvent boiling at 218°C . . . is one of the few commercially available high-boiling esters which are entirely soluble in water, yet it is miscible with most organic solvents. It has a xylene dilution ratio of 1.9 and dissolves cellulose esters, gums, and resins ordinarily used in lacquer formulation. Its solvent power, high boiling point, and unique, slow evaporation rate make it particularly useful in surface coatings where slow drying is of primary importance, such as in the newer synthetic resin finishes. In printing inks, its evaporation rate is slow enough to prevent gumming on print rolls, but fast enough for printing practices.

BUTYL "CARBITOL" ACETATE

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. . . a water-insoluble liquid . . . boils at 245°C. Its nitrocellulose dilution ratio with xylene is 1.8. It is miscible with most organic liquids, and dissolves many oils, resins, and gums. With such a high boiling point, it is useful in formulations of nitrocellulose and synthetic resin coatings. In fact, its boiling point is so high that if there are substances present which are good solvents for this ester, it will be retained by the film and act as a plasticizer.

"FLEXOL" PLASTICIZER 3GH

$(C_5H_{11}COO)_2 : [C_2H_4(C_2H_4O)_2]$

. . . boiling at 353°C . . . has a low water solubility and a lower vapor pressure than dibutyl phthalate. It possesses a great resistance to discoloration under the influence of ultra-violet light. This plasticizer is an excellent softening agent for natural and synthetic resins, including the "Vinylite" brand of resins. It increases the elasticity of the plasticized product without unduly reducing the ultimate strength. It has the extraordinary property of *increasing* the flexibility as the temperature is lowered.

Information on these new chemicals will gladly be furnished.

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 134 SEPTEMBER 19, 1938 Number 12

Distribution Problems To Be Discussed

Domestic and world problems of distribution will form the program of discussion at the Tenth Boston Conference on Distribution, September 26 and 27, in the Hotel Statler, Boston. World aspects of distribution will be given particular attention, and in their discussion a number of European business executives, in this country for the Seventh International Management Congress, in Washington this week, will take part.

The topics scheduled for the several sessions, which will be started promptly because of the number of speakers, are as follows:—

September 26

9:30 A.M.

Address of welcome, P. A. O'Connell, general chairman of the conference and president of the Boston Retail Trade Board.

"Productivity in Distribution," Dr. David R. Craig, president of the American Retail Federation.

"The Development of Marketing Board in England," Harold Whitehead, business consultant, London.

"The Personality of a Retail Store," Mrs. Hortense W. Odlum, president of Bonwit Teller, New York.

"Management in a Changing World," Harry Arthur Hopf, deputy president of the International Committee of Scientific Management.

"The Regulation of Retailing—In Retrospect and Prospect," Dr. Paul H. Nystrom, president of the Limited Price Variety Stores Association.

12:10 P.M.

"The Social Significance of Straight-Line Distribution," R. W. Doe, vice-president of Safeway Stores, Oakland, Cal.

"Some Aspects of Distribution in Great Britain Today," Viscount Leverhulme, governor of Lever Brothers & Unilever, Ltd., London.

2:10 P.M.

"The Trend of Failures in the Distribution Field," Dr. Willard L. Thorpe, director of economic research for Dun & Bradstreet, Inc.

"The Rise of Forecasting and the Decline of Business Enterprise," Malcolm P. McNair, professor of marketing, Harvard Graduate School of Business Administration.

"Retail Organization of the Future," N. Baliol Scott, research and planning manager for Harrods, Ltd., London.

"Consumer Education and Economic Efficiency," Dr. John M. Cassels, director of the Institute for Consumer Education, Stephens College, Columbia, Mo.

"Changes and Developments in the Field of Distribution in Europe," Dr. H. Pas-

—Continued on page 45

Drug-Chemical Outing Plans Taking Shape

Arrangements are shaping up for the Fall business-and-relaxation meeting of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, October 21 and 22, in Skytop, Pa. Pleasure—or relaxation—will come before business chronologically, as the golfing rounds are to be played in the forenoons, the afternoons to be devoted to business sessions.

Special endeavors are being made to arrange a business program that will be attractive to the several divisions of the membership and likewise beneficial to all. The golfing plans look to an extensive and attractive offering of prizes.

Some innovations other than chronological are contemplated. Among these are a cocktail party the evening of October 20, a beefsteak roast on a Pocono peak the evening of October 22, and special events for the ladies, including golf if sufficient interest is manifested.

Registrations and reservations are being handled by William D. Barry, of Mallinckrodt Chemical Works, general chairman of the arrangements committee. The registration fee will be $10 for those who intend to participate in the golfing competition, $5 for those who refrain from golf—in case of impossible (Highland Scot) definition applied golfing weather, something will be done about the predicament of those who paid the extra $5.

Trade Ass'n Probers Come Here Sept. 27

Representatives of the Temporary National Economic Committee—the "trust testers"—will confer with local executives of trade associations in an open meeting September 27 in the Pennsylvania hotel, this city. The conference is designed for a discussion of the questionnaire to be sent out by the committee, probably this week, in its study of trade associations.

The discussions will follow a luncheon at 12:30 p.m., the charge for which will be $1.50.

Earl Constantine, managing director of the National Association of Hosiery Manufacturers, is handling arrangements for the conference, and the "trust testers" who are expected to be in attendance are Senator Joseph C. O'Mahoney, of Wyoming, chairman of the committee; Leon Henderson, WPA economist; Dr. Willard L. Thorpe, who heads the monopoly investigation for the Department of Commerce; and Calvert Judkins, chief of the trade association section of that department.

Industrial Research Institute Meeting Sept. 23

The Fall meeting of the Industrial Research Institute will be held in the Westchester Country Club, Rye, N. Y., September 23-24. Reports on progress of surveys now being conducted by the institute on construction and control of research budgets, problems of personnel and organization, and committee recommendations will be discussed. Robert B. Colgate, vice-president in charge of research for the Colgate-Palmolive-Peet Company, Jersey City, N. J., and chairman of the institute's executive board, will preside.

Patman Act Ban Laid on Aggregate Quantity Discounts

OPD Washington Bureau
September 17, 1938

Holding that the handling of orders from the favored buyers did not represent savings justifying an additional discount of 5 percent on aggregate annual purchases in excess of $10,000, the Federal Trade Commission has ordered the Master Lock Company, Milwaukee, to cease and desist from discriminating in that manner in price between competing purchasers of padlocks of like grade and quality. The commission, which issued a complaint (No. 3386) against the lock company last April 22, rules that the discount practice complained of violates the Robinson-Patman act.

The commission found that the respondent company allowed all its purchasers a trade discount of 50 percent and generally pursued a policy of granting an additional 5 percent discount to certain wholesalers and jobbers whose annual purchases were in excess of $10,000. Some of the customers receiving the additional 5 percent discount also were granted an allowance equal to freight payments on shipments from factory to purchaser, according to the findings.

The findings point out that one purchaser receiving the 5 percent additional allowance maintains branches in five cities, but that no single branch purchased padlocks in an amount exceeding $10,000 a year.

In connection with the order to cease and desist, the commission made public its "Conclusion and Opinon," which follows in part:

The additional discount of 5 percent offered by the respondent to customers whose annual purchases generally exceeded $10,000 was apparently predicated on the belief that the orders received from this customer group were both larger and fewer in number, in proportion to their purchases, and therefore cost the respondent less per dollar of sales to bill, pack, and ship, than the orders received from customers whose annual purchases usually amounted to less than $10,000. This belief, however, is frequently not supported by the facts. On the contrary, not only do customers in the last-named group frequently place a smaller percentage of orders amounting to less than $5 each than do the customers allowed the additional discounts, but they frequently also place a larger percentage of orders exceeding $100 each than do customers accorded additional discounts. Furthermore, the average size of the in-

—Continued on page 33

State Labor Commissioners To Meet October 18

OPD Washington Bureau
September 15, 1938

A meeting of State labor commissioners has been scheduled for October 18 and 19 in Washington to consider local enforcement of the wages and hours law, it was announced today by Elmer F. Andrews, administrator of the act.

The National Battery Manufacturers Association is the first trade group to take steps on its own initiative to raise wages within its industry, he said, and he expressed the hope that other industries will immediately follow this example.

The administrator read a telegram from L. B. F. Raycroft, president of the Battery Manufacturers Association, saying that he had been instructed by his group to take immediate steps to set the minimum factory wage for the storage battery industry at 40 cents per hour, and asking what those steps should be.

Truck Freight Rules Get Hearings in Oct.

OPD Washington Bureau
September 12, 1938

The third draft of proposed motor carrier safety regulations for the transportation of explosives and other dangerous articles by truck has been issued by the Interstate Commerce Commission, and dates have been set for hearings to receive final suggestions and protests before the regulations are officially promulgated.

The regulations will apply to all transportation by truck in interstate commerce, by both common carriers and contract carriers, and may also be applied to private carriers if the commission finds need for such extension. The latter point is expected to be discussed at the hearings. The first hearing is scheduled for October 10 in the office of the Railroad Commission, Los Angeles. Other hearings will be October 17, in the Mayo hotel, Tulsa, and October 26, in the I.C.C. offices, Washington.

The regulations, comprising more than 200 pages, set up specifications for packaging, loading and labeling all sorts of dangerous articles, including explosives, petroleum products, corrosives, compressed gases, poisons and other chemicals. They also include specifications for tanktrucks and for equipping and handling trucks used in transporting dangerous articles. They are based primarily on railroad and steamship regulations but with many modifications suggested by representatives of industry following publication of the first two drafts during the past year.

Discussion of the proposed regulations in their latest form is planned by the American Petroleum Institute and the National Petroleum Association, which are arranging a meeting for the purpose in New York. The date and place of this meeting have been tentatively set as September 22, at 10:00 a.m., in the A.P.I. offices, 50 West Fiftieth street, New York. The Manufacturing Chemists Association has been invited to participate in the meeting.

Alcohol Consumed in Industries

Use of specially denatured alcohol by manufacturing industries totaled 139,109,095 wine gallons for the fiscal year ended June 30, 1938, according to the Bureau of Internal Revenue, Treasury Department. Of the 4,249 permittees using this amount of specially denatured alcohol, there was recovered 60,800,575 wine gallons for reuse. A breakdown of the trades in which the product was used and the amount of alcohol recovered for reuse was given by the bureau as follows:—

Cellulose, Resin, and Related Products

	Number of permittees.	Wine gallons—Amount used including reused.†	Wine gallons—Amount recovered for reuse.
Lacquers, Varnishes, and Enamels			
Cellulose	87	2,984,652	1,096,228
Synthetic resins (with or without natural resins but containing no cellulose compounds)	30	214,345	77,305
Shellac (containing no cellulose or synthetic resins)	414	4,056,972	72,208
Other natural resins (containing no cellulose, synthetic resin or shellac	106	1,108,522	.....
Candy glazes	23	55,295	.....
Coatings made exclusively from other materials	17	51,050	.....
Total lacquers, varnishes, and enamels	‡524	8,470,836	1,245,741
Plastics			
Cellulose compounds	14	1,787,550	994,177
All other plastics (containing no cellulose)	24	1,809,274	51,378
Total plastics	‡38	3,596,824	1,045,555
Miscellaneous			
Photographic film (including emulsions)	50	1,286,656	790,609
Transparent sheeting	7	834,870	532,036
Cellulose intermediates	5	742,580	377,722
Explosives	3	355,497	160,526
Polishes	57	271,424	.....
Adhesives	46	137,960	6,639
Soldering flux	56	132,014	.....
Inks, stains, and dye solutions (containing no cellulose or resin)	107	97,976	93
Total cellulose, resin and related products	‡778	15,926,637	4,158,921
Solvents and Thinners for Cellulose and Resin Products			
Proprietary solvents	33	14,851,090	.....
Other industrial thinners	70	1,861,614	.....
Total solvents and thinners	‡98	16,712,704	.....
Fluid Uses			
Brake fluids	6	64,323	.....
Cutting oils	5	26,266	.....
Other fluid uses (including door checks)	66	61,721	.....
Total fluid uses	‡77	152,310	.....

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Closing Market Developments

Cottonseed Oil Steadier

Cottonseed oil futures were steadier late in the week. Offerings were light and shorts covered. January closed on Friday at 8.04c.-8.07c. and March at 8.10c., showing an advance of 24 to 26 points as compared with the previous Friday. Southern markets were steady.

Animal Ammoniates Strong

Packing-house by-products were stronger as the week neared its close. Latest sales of local blood were invoiced at $2.75 per unit, but stocks here were small and some sellers raised their asking figure to $2.85 per unit.

Cadmium Reduced Again

Quotations on cadmium metal were reduced 10c. per pound late last week to the basis of 95c. per pound. This price of orange cadmium sulphide was also off 10c., the market becoming 85c. per pound in lots of 100 pounds.

Duluth Flaxseed Movement

Receipts of flaxseed at Duluth last week were 237,682 bushels; shipments 115,013 bushels. Receipts since August 1, 666,547 bushels; shipments 219,975 bushels.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Petroleum:—Cuba has restored the surtax of 3 percent of duty on imported crude petroleum.

Petroleum Products:—A Brazilian decree-law has established a new internal tax of 3 milreis per ton on imported and domestic crude petroleum, gasoline, kerosene, combustile oil, and mineral lubricants.

Pharmaceuticals: — The consumption tax on all imported and domestic pharmaceutical and medicinal products has been abolished in Turkey.

Potash Silicate:—The expiring Netherland quota restriction on potash silicate has been continued for nine months from August 1, 1938.

N.P.V.L.A. Nominations For Directors Made

The committee on nominations of the National Paint, Varnish and Lacquer Association, at a meeting in the Union League club, Philadelphia, presided over by Horace S. Felton, chairman, selected the following nominees for the directors of the association, to be voted for at the coming annual meeting:—

Class A—Thurlow J. Campbell, of Valentine & Co.; W. I. Longworth, of the Lilly Varnish Company; E. E. Morton, of the Carpenter-Morton Company; Charles J. Roh, of the Murphy Varnish Company; Val Wurtele, of the Minnesota Linseed Oil Paint Company.

Class B—Dudley W. Figgis, of the American Can Company.

U.S.Industrial Alcohol Buys Stroock & Wittenberg

U. S. Industrial Alcohol Company, this city, which recently entered the synthetic resin industry through the acquisition of Robert Rauh, Inc., has expanded further into that field by the purchase of Stroock & Wittenberg Corporation. All of the business of the two resin companies in both natural and synthetic resins will be handled by the Stroock & Wittenberg Corporation at its offices at 17 Battery Place, this city, under the personal direction of A. J. Wittenberg.

Synthetic Nitrogen Elects A.L. Mullaly President

Arthur L. Mullaly, president of Advance Solvents & Chemical Corporation, this city, has also been elected president of the Synthetic Nitrogen Products Corporation, also this city. Synthetic Nitrogen Products imports fertilizer nitrogen, and Advance Solvents is an importer of technical nitrogen, as well as a manufacturer of drier materials.

Mr. Mullaly has long been associated with the chemical industry, having been with the old firm of Kutroff-Pickhardt & Co., and he was at one time with H. A. Metz & Co., and also the National Aniline & Chemical Company, all of this city.

Chemical Price Views Stronger

Strength of interest in basic nonferrous metals was translated into price advances last week, and this gave a stronger tone generally to the markets for heavy and fine chemicals. Advances exceeded reductions among the price changes in various divisions, but these were closely grouped.

Business kept on getting better in volume and in sentiment, although there were some jitters because of cloudy uncertainties in Europe. The handling of supplies was disrupted by sporadic trucking strikes, and there was fear that this influence would become more obstructive.

Prices were advanced on electrolytic copper, black and red oxides of copper, pig lead, red lead, litharge, orange mineral, slab zinc, zinc dust, Straits tin, tetrachloride of tin, yellow uranium oxide, scarlet ink toner, gum rosin, J1 myrobalans, valonia beards, wattle bark, and menhaden scrap.

Prices were reduced on imported dicalcium phosphate, sumac leaves, ester gum, cadmium metal, domestic tankage locally, and Japanese sardine meal.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at 125.7 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 89.0, compared with 90.3 at this time last year and 88.7 in 1936.

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OPD Forum

An Outlet for Individual Opinion

(Anonymous communications will not be recognized; but publication of a signer's name will be withheld at request.)

Cooperative Recovery

To the Editor,
OIL, PAINT AND DRUG REPORTER.
Sir:—

There is a widely spread campaign now in progress throughout the country to stimulate business, create new jobs for workers, and ultimately produce better and more staple economic conditions through the medium of creating more sales. Such a plan is worthy of much attention and backing by consumers and also by business in general. It is a step in the right direction—that of helping one's self, and not placing much stress on waiting for somebody else, government or other, to create the desired results.

Business, and industry in general, throughout the country can, however, materially help to such an objective by accepting in part the burden placed upon the ultimate consumer under the plan mentioned. Business can do this by a concerted effort to increase the purchasing power of ultimate consumers. Conjunctive and concerted action by both ultimate consumer and general business should be force enough to push such a plan over the top to success and thereby make possible and bring about the desired economic conditions.

The whole of business starts with the purchase of raw materials and other supplies in order to process or manufacture a finished product that can be marketed at a profit. In the very process of such operations it expends money for raw materials, money for wages, money for machinery, money for wages in other industries. And, so doing, it creates a purchasing power and a potential market for its very own production before actually merchandising a particular product. In that merchandising, the business further advances through necessary expenditures the purchasing power and potential or actual markets for its goods.

Now, suppose there existed a concerted, universal, cooperative plan, general to all business, whereby each individual business would guarantee to stepup (1) raw material purchases, 2 percent; (2) employment, 2 percent; (3) production, 2 percent—immediately the purchasing power of the nation, or ultimate consumer, would be increased 2 percent, and ultimately the individual business, manufacturing or distributing, would receive increased orders and so derive benefits from the plan.

It seems logical to assume that every business, in order to bring such purchasing power into existence, would be willing to accept this plan and to perform its share, to the extent of its financial ability. In the event that every

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N.P.V.L.A. Groups Study Trade Sales Data

Chicago, Sept. 15, 1938

A joint meeting of the national trade sales committee of the National Paint, Varnish and Lacquer Association, the trade sales steering committee and the Council for Paint Styling was held here today to consider trade sales matters of immediate interest and to plan for the presentation of reports at the October convention in Atlantic City. Dr. R. A. Plumb, of the Truscon Laboratories, Detroit, presided.

M. Rea Paul, of the National Lead Company, chairman of the technical and fact-finding committee of the Council for Paint Styling outlined the manner in which results of the exterior and interior color surveys will be presented to the convention, with Captain H. Ledyard Towle, of the Pittsburgh Plate Glass Company; Horace S. Felton, of the Felton, Sibley Company, and Burr Price of the *National Painters Magazine*, submitting additional reports on special features for the Styling Council's session at the convention, which is to be incorporated with that of the trade sales group.

Consideration was given to plans for developing more extensive painting of brick, cement and stucco structures, and it was decided to gather and issue pertinent data on this subject. A com-

—Continued on page 37

N.W.D.A. to Discuss Fair Trade Problems

Fair trade and its effect upon retail prices; the legal aspects of fair trade; the need for uniform drug legislation; sales distribution, and the service rendered by the wholesaler, are a few of the pertinent subjects to be discussed at the sixty-fifth annual meeting of the National Wholesale Druggists Association, in the Greenbrier hotel, White Sulphur Springs, West Va., September 25 to 30.

The opening session on Monday will hear an address by General Hugh S. Johnson, former administrator of the N.R.A. Ralph A. Lind, of Stevenson, Jordan & Harrison, this city, will talk on "Labor Relations" at an informal meeting of wholesale druggists, in the afternoon, coincident with an informal meeting of manufacturers, at which sales distribution will be discussed. Among the business activities on the program are:—

Sept. 26; Monday

First Session

10:00 A.M.

Address of welcome by Dr. William E. Weiss, chairman of the board of the Sterling Products, Wheeling, W. Va.

Address: J. Mahlon Buck, president of Smith, Kline & French, Inc., Phila., Pa.; president of N.W.D.A.

"Where Do We Go From Here?" by General Hugh S. Johnson, former N.R.A. administrator.

Reports of committees on active membership; associate membership, and memorials.

Sept. 27; Tuesday

Second Session

10:00 A.M.

A Review of Association Work During 1938. Including report of board of control and reports submitted by committee chair- by E. L. Newcomb, executive vice-president of N.W.D.A.

"Enforcement Problems of the Federal Trade Commission," by Garland S. Ferguson, chairman of the Federal Trade Commission.

"The Legal Aspects of Fair Trade," by W. F. Allen, counsel for N.W.D.A.

Sept. 28; Wednesday

Third Session

10:00 A.M.

"A Dollar's Worth from the Service Wholesale Druggist." A graphic picture of the services rendered by the Service Wholesale Druggist to his customers and manufacturers.

"The Service Wholesale Druggist's Operating Dollar," by Charles D. Doerr.

"The Service Wholesale Druggist's Dollar at Work Makes Sales," by Dr. E. L. Lloyd, of marketing research division of the Bureau of Foreign and Domestic Commerce.

"Payroll—Half of the Service Wholesale Druggist's Dollar," by H. J. Ostlund, statistical director of N.W.D.A.

"Value Received from the Service Wholesale Druggist," by John Albright, chief of the wholesale distribution of the Bureau of the Census.

"Fair Trade and It's Effect Upon Retail Prices," by A. C. Nielson.

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President Roosevelt Lauds Pharmacy Week

National Pharmacy Week, which will be observed during the period, October 16 to 22, was commended "in its purpose to stimulate greater health-consciousness among the people through cooperation with dependable druggists," by President Franklin D. Roosevelt, in a letter, dated September 8, addressed to Dr. J. Leon Lascoff, this city, president of the American Pharmaceutical Association. The President said also:—

The pharmaceutical profession has an opportunity and a responsibility for constructive leadership in promoting the highest ethical standards—standards which make service the yardstick of success and confidence the guiding influence of the public in their pursuit of health. I bespeak success for National Pharmacy Week.

Dr. Lascoff, in a message addressed to the pharmacists of the country, is urging that emphasis be placed on the professional services of pharmacy during National Pharmacy Week by means of drugstore window and counter displays, public addresses, radio talks, and newspaper articles. "If National Pharmacy Week falls short of its objective, he says, it will be due to no other cause than that we ourselves failed to rise to the occasion."

F.W.D.A. Will Meet Oct. 5-8 in Chicago

The Federal Wholesale Druggists Association will hold its twenty-third annual convention October 5 to 8 in the Stevens hotel, Chicago. Arrangements are being handled by A. E. Zuber, as local secretary, but conventioners are advised to make their own hotel reservations.

Plans for special railroad accommodations from this city are being made by Charles L. Huisking, of Charles L. Huisking & Co., chairman of the committee on transportation.

The convention will be opened at 9:30 a.m., October 5; the first day's sessions will, as is the custom, be devoted to joint discussions of pertinent topics by the active (wholesale) and associate (manufacturer) members. These sessions will be under the direction of E. T. T. Williams, of Becton, Dickinson & Co., chairman of the associate members' group.

Roscoe R. Rau Heads Retailers National Group

OPD Washington Bureau
September 14, 1938

Roscoe R. Rau, general manager of the National Retail Furniture Association, has been elected president of the Retailers' National Council, which is composed of ten national retail trade associations. He succeeds Herbert L. Sheets, of the National Retail Hardware Association.

Other officers elected were:—Vice-president, Rivers Peterson, managing director of the National Retail Hardware Association; treasurer, Herbert J. Rich, of the National Shoe Retailers' Association; secretary, Harold R. Young, of the National Retail Dry Goods Association, and assistant secretary, Louis Rothschild.

Petroleum Ass'n Discusses Gov't Relations with Business

Atlantic City, N.J., Sept. 16, 1938

The object of the business study now being launched by the Temporary National Economic Committee is to find a way to stimulate private enterprise so that the national income may be raised and to develop a system under which business can function on a national scale free from arbitrary controls, Senator Joseph C. O'Mahoney of Wyoming, chairman of the committee, told the thirty-sixth annual meeting of the National Petroleum Association, which closed here today.

The theme of the convention was the present condition of government relations with business, and while several technical papers were presented, the greatest interest at the three-day session was discussion of the functions of trade associations, relationships with consumers, developments in the national government, and trends in taxation and regulation.

In the absence of Charles L. Suhr, president of the association, who cabled greetings from Europe, the general sessions were conducted by N. H. Weber, first vice-president, who declared that the increasing scope of government activities which affect business makes trade association functions more vital than ever before.

Senator O'Mahoney's address was easily the high point of the meeting. Several times he stressed that the aims of the Temporary National Economic Committee, commonly called the monopoly investigation, are not hostile to business, but that the committee needs, and is receiving, full co-operation from business men. Drawing a parallel with the Federal highway system, he declared the present economic need is to establish national routes over which business can function in a national way. He traced economic changes in the country since the formation of the Federal government and particularly since the adoption of the Sherman anti-trust act in 1890, pointing out that population has shifted from rural regions and is now concentrated in relatively few centers, while at the same time the corporate form of business has grown until it now dominates manufacturing and also much of the distribution trades, whereas farmers and consumers must still act as individuals in doing business with these national corporations.

Business, he observed, has expanded far beyond the geographical limits of the States and of the old laws designed to regulate it, but the national government has done nothing about it except to peck away at fragments of the problem through passage of such laws as the Robinson-Patman act. It is time, he said, for business and government leaders to sit down in harmony and discuss the facts as they are and discover the problem and attempt to find the solution, and this is the function of the committee. Just as business demanded adoption of the Federal Constitution in 1780, with the national government controlling the post office, currency, bankruptcy, and interstate commerce, so business now demands national treatment of national economic problems and a new constitution for business, the Senator declared.

The task of the Economic Committee is to find a way to stimulate private enterprise and to free business from arbitrary controls by finance, by private groups and by government, for, he added, government has neither the right nor the function of controlling the activities of the individual.

Charles J. Brand, secretary of the National Fertilizer Association, addressed the meeting on the development and significance of American trade associations, tracing their history and growth, and discussing some of their most important activities, quoting

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Industry and the National Interest

By Carle C. Conway

Chairman of the Board of the Continental Can Company.

(Excerpts from an address, "Business in America and Europe," delivered September 15 at the annual meeting of the National Petroleum Association.)

Experience with our associated companies, doing business in England, France, Germany, Holland, and Belgium, as well as Cuba, Australia, and South Africa, has crystallized two thoughts in our minds:—

First, that business must and does operate under many and widely varying conditions, both political and economic; and

Second, that business cannot wait for either political or other conditions to be ironed out. Ours is the day-to-day job of trying to operate our business at a profit under any and all conditions.

In whatever the nation, we find always that the business conclusions to be arrived at must be based on cold, hard facts and not on preconceived theories or wishful thinking. Conditions differ from time to time in the various nations but this necessity always continues.

One of the greatest differences in doing business here, as compared with England, is the fact that English competitors discuss openly in meetings all the factors making for the good of their industry. In England there is a general acceptance on the part of big business of government supervision of policies affecting the national welfare. But you will also find a wholesome respect for big business and its problems on the part of the government. In short, there is a mutual respect for the rights and responsibilities of each.

Mutual Respect Desirable

It would be a great achievement if we could arrive at such a basis in this country; if business and government would sit around a table in a spirit of honest debate, with the national interest foremost in the minds of all. What is in the national interest is clearly, in the long run, in the interest of business. There are encouraging signs that such an attitude is in the making here. It behooves us to foster it all we can.

Out of the present situation must come a method of harmonizing the national interest with the interest of industry. It is sound reasoning that the national interest should come first and the general interest of industry second; as, undoubtedly, intelligent management can take care of itself within each industry if sound conditions prevail.

It is a question whether many business gatherings, where practically the whole discussion is centered upon our political woes, are as helpful to us in tackling our next day's work and problems as they would be if the time were devoted to studying what could be done under

Carle C. Conway

the conditions existing. Experts too, it seems to me, cause us a great amount of needless anxiety.

When I was in Paris in 1934 I saw in the daily paper a quotation from a letter which the Marquis of Salisbury wrote to the then Viceroy of India, in Queen Victoria's reign. Said he:—

You trust too much to experts. If you believe doctors, nothing is wholesome; if you believe theologians, nothing is innocent; if you believe soldiers, nothing is safe.

All Financing Same in Effect

Sometimes I think we depend too much on the written words of our economic experts. For example, many of them decry the collapse of private financing and predict dire consequences from increased government spending

—*Continued on page 29*

Small Business Men's Ass'n Outlines Six-Point Plan

Pittsburgh, Pa., Sept. 16, 1938

The National Small Business Men's Association held its first annual convention here September 13 to 16. Approximately 200 delegates were in attendance. Dewitt M. Emery, founder and president of the association, delivered the keynote speech, and he urged that the organization disregard all party lines. The things that must be done, he said, was for small business to "come out from behind the bushes" and make its stand and desires known.

The meeting was concerned mainly with six general topics, which were sifted from more than a hundred resolutions offered. The topics with which the meeting was concerned follows:—Retirement of government from business competition with the citizen; repeal by Congress of all laws delegating any of its powers; application of "fundamental principles of good business practice" in the operation of government; belief in the Wagner act, but insistence upon its amendment to give equal rights to employers and employee; belief in the constitutional guaranty of free speech, with specific reference to press and radio; and belief in the principle of social security, but emphasis on a policy of pay as you go, and the use of funds solely for the benefit of workers.

Five delegates were nominated as trustees for six-year terms. They were Mr. Emery, C. R. Boyd, vice-president of the association; Raymond Tiffany, its general counsel; W. C. Hammond, of Kalamazoo, Mich., and E. J. Bernard, of Cambridge, Mass. Five elected for four-year terms were James S. Westbrook, of Bridgeport, Conn.; Wilbur A. Jones, of Omaha, Neb.; Howard G. Philbrook, of South Poland, Me.; Robert L. James, of Staunton, Va., and W. C. Cummings, of Princeton, W. Va.

Five elected for two-year terms were Denny Brann, of Des Moines; Alfred Glossbrenner, of Indianapolis; Wallace Huck, of Nutley, N. J.; C. W. Elton, of Pittsburgh, and E. F. Stetekluh, of Detr

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Mark your calendar for Friday and Saturday, October 21 and 22, 1938, to attend the Third Annual Meeting and Golf Tournament of the Drug, Chemical and Allied Trades Section of the New York Board of Trade, Inc., at Skytop Lodge, Skytop, Pa.

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Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Prices changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)			
Acetal, dms., dlvd	lb.	.75	- 1.00
Acetaldehyde, 99%, 55 & 110 gls., dms., dlvd	lb.	.14	- —
5 & 10 gal. dms., dlvd	lb.	.16	- —
Acetamide, CP, kgs., 1,000 lb. lots, dlvd	lb.	.44	- —
tech., kgs, 1,000 lb. lots, dlvd.	lb.	.39	- —
Acetanilide, tech., 95%, bbls.	lb.	.29	Nom.
USP, cryst., bbls., 2,000 lb. lots	lb.	.32	- —
smaller lots	lb.	.33	- —
dms., 25 lb. lots	lb.	.38	- —
kgs, 2,000 lb. lots	lb.	.33	- —
smaller lots	lb.	.34	- —
powd., bbls., 2,000 lb. lots	lb.	.30	- —
smaller lots	lb.	.31	- —
dms., 25 lb. lots	lb.	.36	- —
kgs., 2,000 lb. lots	lb.	.31	- —
smaller lots	lb.	.32	- —
Acetoacetanilide, dms	lb.	.65	- .70
Acetone, CP, dms., c.l., dlvd	lb.	.05¾	- —
l.c.l., dlvd	lb.	.06¼	- —
tanks, dlvd	lb.	.04¾	- —
Methyl (see M)			
Acetophenone, bots	lb.	1.30	- 1.45
cns., 25 lbs	lb.	1.15	- 1.25
dms., 100 lbs	lb.	1.05	- —
Acetophenetidin, bbls., kegs, 1,000 lbs	lb.	1.00	- —
50 lbs	lb.	1.02	- —
25 lbs	lb.	1.05	- —
Acid, abietic, dms., c.l	lb.	.08¾	- —
l.c.l.	lb.	.09	- .12
Acetic, coml. or redist., 28%, bbls.	100 lbs.	2.23	- 2.48
cbys.	100 lbs.	2.73	- 2.98
56%, bbls.	100 lbs.	4.15	- 4.40
cbys.	100 lbs.	4.65	- 4.90
70%, bbls.	100 lbs.	5.17	- 5.42
cbys.	100 lbs.	5.67	- 5.92
80%, bbls.	100 lbs.	5.89	- 6.14
cbys.	100 lbs.	6.39	- 6.64
glacial, nat., CP., cbys.	100 lbs.	14.00	- —
99.5%, bbls.	100 lbs.	7.62	- 7.87
cbys.	100 lbs.	8.12	- 8.37
USP, bbls	100 lbs.	10.25	-10.50
cbys.	100 lbs.	10.75	-11.00
synth., 99.5%, al. dms., 100 lbs.		8.43	- 8.68
cbys.	100 lbs.	8.68	- 9.18
USP, al. dms	100 lbs.	10.25	-10.50
cbys.	100 lbs.	10.75	-11.00
pure, 30%, bbls	100 lbs.	3.28	- 3.53
cbys.	100 lbs.	3.78	- 4.03
36%, bbls.	100 lbs.	3.66	- 3.91
cbys.	100 lbs.	4.16	- 4.41
60%, bbls.	100 lbs.	6.15	- 6.40
cbys.	100 lbs.	6.65	- 6.90
80%, bbls.	100 lbs.	7.68	- 7.93
cbys.	100 lbs.	8.18	- 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply dlv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld	lb.	.10¼	- .11½
l.c.l., dms., frt. alld	lb.	.12	- .13
Acetylsalicylic, USP, bbls., 200 lbs	lb.	.60	- —
boxes, 25 lbs	lb.	.61	- —
kgs., 100 lbs	lb.	.60	- —
Anthranilic, refd., bbls	lb.	1.15	- 1.20
tech., bbls	lb.	.75	- —
Arsenous, tech. (see Arsenic, White).			
USP, powd., dms., kegs	lb.	.22	- .25
Ascorbic, bots., dms	oz.	3.00	- 3.25
Battery, cbys, c.l., E. works, 100 lbs.		1.60	- —
l.c.l., 25 or more, E. works, 100 lbs.		1.85	- —
10-24, E. works	100 lbs.	1.95	- —
1-9, E. works	100 lbs.	2.55	- —
Benzoic, tech., bbls., 4,000 lbs. or more	lb.	.43	- —
1,000 to 3,900 lbs	lb.	.44	- —
900 lbs. or less	lb.	.47	- —
USP, bbls., 4,000 lbs. or more	lb.	.54	- —
1,000 to 3,900 lbs	lb.	.55	- —
900 lbs. or less	lb.	.58	- .59
dms., 4,000 lbs. or more	lb.	.55	- .56
1,000 to 3,900 lbs	lb.	.56	- .57
900 lbs. or less	lb.	.59	- .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd.	ton.	106.00	- —
c.l., dlvd	ton.	111.00	- —
l.c.l., ex whse	ton.	118.00	-123.00
sks., contracts, 80 tons, dlvd	ton.	96.00	- —
c.l., dlvd	ton.	101.00	- —
l.c.l., ex whse	ton.	108.00	-113.00
powd., bbls., contracts, 80 tons, dlvd	ton.	111.00	- —
c.l., dlvd	ton.	116.00	- —
l.c.l., ex whse	ton.	123.00	-138.00
sks., contracts, 80 tons, dlvd	ton.	101.00	- —
c.l., dlvd	ton.	106.00	- —
l.c.l., ex whse	ton.	113.00	-128.00
U.S.P., $25 per ton higher.			
Broenner's, bbls	lb.	1.11	- —
Butyric, 99%, dms., c.l., S. Charleston, W. Va	lb.	.22	- —
l.c.l., same basis	lb.	.23	- —
tanks, same basis	lb.	.21	- —
Camphoric, cns	lb.	5.50	- 5.70
Capric, dms	lb.	.12	- .12½
Caproic, cns	lb.	2.20	- —
Carbolic (see Phenol).			
Castor oil, split, dms	lb.	.17½	- .18
Chinawood oil, dms	lb.	.16	Nom.
Chlorosulphonic, dms., c.l., works	lb.	.0350	- —
5-drum lots, works	lb.	.04	- —
single drum	lb.	.05	- —
tanks, works	lb.	.03	- —
Chromic, 99%, dms., delvd. N. Y	lb.	.15¼	- .17¼
Cinnamic, refd., bots	lb.	2.85	- 3.25
Citric, cryst., gran., bbls., car lots	lb.	.22	- —
10,000 lb., lots, one shipt., lb.		.22½	- —
smaller lots	lb.	.23	- —
kegs	lb.	.23¼	- —

Acid, citric, anhyd., gran, dms., 10,000 lbs. 1 shipt	lb.	.25	- —
smaller lots	lb.	.25½	- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b., N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls	lb.	.57	- —
Coconut oil, dist., dms	lb.	.09¼	- .09¾
Corn, dist., dms	lb.	.08¼	- .08¾
Cottonseed oil, dist., dms	lb.	.06¾	- .07¼
tanks	lb.	.06¼	- —
Cresylic, high-boil, dom., c.l., works, frt. equaled	gal.	.73	- —
l.c.l., same basis	gal.	.74	- —
low-boil, dms., c.l., works frt. equaled	gal.	.78	- —
l.c.l., same basis	lb.	.80	- —
imported, pale, dms	gal.	.65	- .86½
dark, dms	gal.	.60	- —
Crotonic, bbls., dlvd	lb.	.21	- —
smaller containers, dlvd	lb.	.50	- —
Diethylbarbituric (see Barbital))			
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l	lb.	.10½	- —
l.c.l., 25 and over	lb.	.11	- —
1-24	lb.	.11½	- —
inland territory, cbys., c.l	lb.	.1185	- —
l.c.l., 25 and over	lb.	.1235	- —
1-24	lb.	.1285	- —
southern territory, cbys., c.l., lb.		.1170	- .1240
l.c.l., 25 and over	lb.	.1220	- .1290
1-24	lb.	.1270	- .1320
Fumaric, bbls.	lb.	.75	- —
Gallic, tech., bbls	lb.	.70	- .75
N. F., VI, bbls., 200 lbs., 5 or more	lb.	.77	- —
single bbls.	lb.	.80	- —
fib. dms., 25 lbs	lb.	.81	- —
Gamma, bbls.	lb.	.85	- —
Gluconic, tech., 50%, bbls., 500 lbs	lb.	.20	- —
H, bbls.	lb.	.45	- —
Hempseed oil, dms	lb.	.1180	- .1225
Hydriodic, 47%, bots	lb.	2.30	- —
5-lb. bots	lb.	2.51	- —
57%, bots	lb.	2.75	- 2.90
Hydrobromic, 10% dilut., USP, lb.		.20	- .21
pure, 34% conct, cbys	lb.	.42	- .44
Hydrochloric (see Muriatic).			
Hydrocyanic, cyls, works	lb.	.80	- 1.00
Hydrofluoric, 30%, bbls	lb.	.07	- .0750
lead, cbys.	lb.	.09	- .0950
48%, lead cbys.	lb.	.1150	- .12
52%, lead cbys.	lb.	.1250	- .13
60%, lead cbys.	lb.	.15	- .1550
Hydrofluosilicic, 30-35%, 420 lb. bbls	lb.	.09	- .09½
Hypophosphorus, USP, 30%, djns	lb.	.75	- —
Lactic, tech., dark, 22%, bbls., c.l., works	100 lbs.	2.50	- —
l.c.l., bbls., works	100 lbs.	2.75	- —
cbys., works	100 lbs.	3.75	- —
44%, bbls., c.l., works, 100 lbs.		5.50	- —
l.c.l., bbls., works	100 lbs.	5.75	- —
cbys., works	100 lbs.	6.75	- —
light, 22%, bbls., c.l., works, 100 lbs.		3.50	- —
l.c.l., bbls., works	100 lbs.	3.75	- —
cbys., works	100 lbs.	4.75	- —
44%, bbls., c.l., works, 100 lbs.		6.50	- —
l.c.l., bbls., works	100 lbs.	6.75	- —
cbys., works	100 lbs.	7.75	- —
50%, edible, 20 and over, bbls., cbys	lb.	.10½	- .11¾
plastic grade	lb.	.12¾	- .13¼
5 to 19, edible, bbls., cbys., lb.		.11	- .12
plastic grade	lb.	.12¾	- .13¾
1 to 4, edible, bbls., cbys., lb.		.11½	- .12¼
plastic grade	lb.	.13¼	- .14¼
80%, 5 and over, bbls., cbys	lb.	.21	- .22
1 to 4 bbls., cbys	lb.	.21½	- .22½
USP, XI, 85%, cbys	lb.	.43	- .45
USP VIII, 75%, cbys	lb.	.41	- .43
Lauric, dist., tech., dms	lb.	.11¾	- .12¼
Laurent's, bbls	lb.	.45	- —
Levulinic, 5lb. bots., works	lb.	2.00	- —
Linseed, oil, dark or light, dms	lb.	.1090	- .1140
extra white, dist., dms	lb.	.12½	- .13
Maleic, powd., dms	lb.	.30	- —
anhydride, dms., l.c.l	lb.	.33	- —
Malic powd., kegs	lb.	.47	- —
Mandelic, bots	lb.	2.30	- —
dms., 1,000 lbs	lb.	1.90	- —
smaller lots	lb.	2.15	- —
Mixed, tanks, nitric unit	lb.	.05	- .06
sulphuric unit	lb.	.0085	- .009
Molybdic, kgs., works	lb.	.95	- 1.10
Monochloroacetic, tech., bbls.	lb.	.15	- .18
Monosulphonic, bbls	lb.	1.50	- 1.60
Muriatic, 18°, cbys., c.l., E. works	100 lbs.	1.50	- —
l.c.l., 25 and over, E. works	100 lbs.	1.75	- —
10 to 24, works	100 lbs.	1.85	- —
1 to 9, works	100 lbs.	2.45	- —
tanks, works	100 lbs.	1.05	- —
20°, cbys., c.l., E. works, 100 lbs.		1.75	- —
l.c.l., 25 and over, works, 100 lbs.		2.00	- —
10 to 24, works	100 lbs.	2.10	- —
1 to 9, works	100 lbs.	2.70	- —
tanks, works	100 lbs.	1.15	- —
22°, cbys., c.l., E. works, 100 lbs.		2.25	- —
l.c.l., 25 and over, works, 100 lbs.		2.50	- —
10 to 24, works	100 lbs.	2.60	- —
1 to 9, works	100 lbs.	3.20	- —
tanks, works	100 lbs.	1.65	- —
C.P., USP, dealers, cbys	lb.	.06½	- —
6-lb. bots	lb.	.18½	- —
consumers, cbys	lb.	.08	- —
6-lb. bots	lb.	.20	- —
Myristic, dist., dms	lb.	.15¾	- .16¼
Naphthenic, acidity, 120-200 dms., c.l	lb.	.07	- —
210-230, dms., c.l	lb.	.09	- —
240-280, dms., c.l	lb.	.10	- —
Sludge, dms., c.l	lb.	.05	- —
Nitric, 36°, cbys., c.l., E. works, 100 lbs.		5.00	- —
l.c.l., 25 and over, E. works	100 lbs.	5.25	- —
10 to 24, works	100 lbs.	5.35	- —
1 to 9, works	100 lbs.	5.95	- —

Acid, nitric, 38°, cbys., c.l., E. works	100 lbs.	5.50	- —
Western works	100 lbs.	5.75	- —
l.c.l., 25 and over, E. works	100 lbs.	5.75	- —
10 to 24, works	100 lbs.	5.85	- —
1 to 9, works	100 lbs.	6.45	- —
40°, cbys., c.l., E. works	100 lbs.	6.00	- —
l.c.l., 25 and over, E. works	100 lbs.	6.25	- —
10 to 24, works	100 lbs.	6.35	- —
1 to 9, works	100 lbs.	6.95	- —
42°, cbys., c.l., E. works, 100 lbs.		6.50	- —
l.c.l., 25 and over, works, 100 lbs.		6.75	- —
10 to 24, works	100 lbs.	6.85	- —
1 to 9, works	100 lbs.	7.45	- —
C.P., USP, dealers, cbys	lb.	.11¼	- —
7-lb. bots	lb.	.22½	- —
consumers, cbys	lb.	.13	- —
7lb. bots	lb.	.24	- —
Oleum (see sulphuric fuming).			
Oxalic, dom., bbls., c.l., works	lb.	.10¾	- —
10,000 lbs., and over	lb.	.11	- —
smaller quantities	lb.	.12	- .14
Palm oil, white, dist., dms	lb.	.06¼	- .06¾
tanks	lb.	.05¾	- —
Perilla, dist., dms	lb.	.14	- .14¼
Phenylacetic, bots	lb.	1.75	- 3.00
Phosphoric, tech., 50%, cbys	lb.	.06	- —
75%, cbys	lb.	.09	- —
USP, 85%, s. g. 1.710, cbys., 180 lbs	lb.	.12	- —
50% s. g., 1347, cbys., 70 lbs	lb.	.12	- —
djns., 25 lbs	lb.	.15	- —
10%, dilut., cbys., djns	lb.	.07	- .07¼
Picramic, kgs	lb.	.65	- .70
Picric, bbls	lb.	.35	- —
Propionic ref., cbys., works	lb.	.25	Nom.
dms., works	lb.	.22	Nom.
tech., cbys., works	lb.	.20	Nom.
dms., works	lb.	.16	Nom.
Pyrogallic, tech., lump, powd., bbls	lb.	1.05	- —
cns	lb.	1.10	- —
USP, cryst, cns	lb.	1.45	- 1.65
resubl., cns	lb.	2.05	- 2.15
Pyroligneous, bbls., dlvd. E. gal.		.25	- —
Ricinoleic, dms	lb.	.35	- —
tech., bbls	lb.	.13	- —
Salicylic, tech., bbls	lb.	.33	- —
USP, bbls	lb.	.40	- .45
Sebacic, C.P., bbls., works	lb.	.58	- —
tech., bbls., works	lb.	.37	- .41
Soybean oil, dist., dms	lb.	.09	- .09¼
Stearic, distil., double pressed, bgs., dlvd	lb.	.10¼	- .11½
single pressed, bgs., dlvd	lb.	.10	- .11
triple pressed, bgs., dlvd	lb.	.13¼	- .14¼
saponif., double pressed, bgs., dlvd	lb.	.10¾	- .11¾
triple pressed, bgs., dlvd	lb.	.13½	- .14½
Succinic, bbls	lb.	.75	- —
Sulphanilic, CP, bots, works	lb.	1.60	- 1.68
tech., dms., works	lb.	.17	- —
Sulphonaphthenic, dms	lb.	.04	- .10
Sulphuric, 60°, cbys., c.l., E. works	100 lbs.	1.25	- —
l.c.l., 25 and over, works, 100 lbs.		1.50	- —
10 to 24, works	100 lbs.	1.60	- —
1 to 9, works	100 lbs.	2.20	- —
tanks, E. works	ton.	13.00	- —
66°, cbys., c.l., E. works, 100 lbs.		1.50	- —
l.c.l., 25 and over, works, 100 lbs.		1.75	- —
10 to 24, works	100 lbs.	1.85	- —
1 to 9, works	100 lbs.	2.45	- —
tanks, E. works	ton.	16.50	- —
98°, tanks, works	ton.	17.50	- —
C.P., USP., dealers, cbys., lb.		.06¼	- —
9-lb. bots.	lb.	.16½	- —
consumers, cbys	lb.	.08	- —
9-lb. bots.	lb.	.18	- —
fuming, 20%, tanks, E. works	ton.	18.50	- —
65%, tanks, E. works	ton.	36.00	- —
Tannic, tech., bbls., dms	lb.	.40	- .47
USP, fluffy, bbls., 1,000 lb.-100-lb. lots	lb.	.90	- —
25-lb. lots	lb.	.93	- —
powd., bbls., 1,000 lbs	lb.	.78	- —
smaller lots	lb.	.80	- —
Tartaric USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment	lb.	.27¼	- —
smaller quantities	lb.	.27¾	- —
kgs.	lb.	.28¼	- —
Tobias, bbls.	lb.	.65	- —
Trichloroacetic, bots	lb.	2.00	- 2.50
Tungstic, CP, kgs., works	lb.	2.60	- 2.85
tech., kgs., works	lb.	1.65	- 1.75
Aconite, leaves, bls	lb.	.25	- .26
Root, bls	lb.	.28	- .30
Aconitine, amorph., bots	oz.	17.00	-18.00
vis.	gr.	.06	- .09
cryst., bots	oz.	30.00	- —
vis.	gr.	.09	- .11
Adeps lanae, anhyd., dms	lb.	.17½	- .19
hyd., dms	lb.	.16	- .18
Agar 1, bls	lb.	.85	- .90
2, bls	lb.	.80	- .85
3, bls	lb.	.63	- .65
Agaric, white, bls	lb.	3.00	- 3.20
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld	lb.	.13	- —
pow'd, grade A, same basis, ton lots	lb.	.15	- —
lots	lb.	.85	- —
smaller lots, same basis	lb.	.18	- —
light, dom., flake, dms., f.o.b., Chicago., frt. alld.	lb.	.52	- .60
import, bgs.	lb.	.50	- —
Egg, ed., dom., cryst., bbls.	lb.	.78	- .80
dom., pwd., dms., bbls.	lb.	.83	- .85
import, cs	lb.	.78	- —
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld	lb.	.116	- —
l.c.l., frt. alld	lb.	.126	- —
tanks, frt. alld	lb.	.106	- —
Benzyl, cans	lb.	.68	- —
drums	lb.	.63	- —

Alcohol, butyl, normal, dms., c.l., frt. alld	lb.	.09½	- —
l.c.l., frt. alld	lb.	.10	- —
tanks, frt. alld	lb.	.08½	- —
secondary, dms., c.l., frt. pd., E. of Rocky Mts	lb.	.07	- —
l.c.l., same terms	lb.	.07¼	- —
tanks, same terms	lb.	.06	- —
tertiary, denating, dms., frt. alld	lb.	.14	- —
Capryl, pure, dms., works	lb.	2.50	- —
tech., dms., works	lb.	.85	- —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs	lb.	1.50	- —
500 lbs	lb.	1.70	- —
100 lbs	lb.	1.80	- —
25 lbs	lb.	1.90	- —
5 lbs	lb.	2.00	- —
com'l., dms	lb.	.95	- —
import, 85%, 100 lb. dms	lb.	.55	- —
5 to 10 lbs	lb.	.75	- —
coml., dms., 350 lbs	lb.	.45	- —
Cinnamic, bots.	lb.	2.00	- 2.90
Denatured, CD14, dms., c.l., works, E.	gal.	.33	- —
l.c.l., works, dms., to jobbers	gal.	.36	- —
works, dms., to dealers and industrial accounts, gal.		.33	- —
tanks, E., works	gal.	.25	- —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works	gal.	.30	- —
19 bbls., E. works	gal.	.32	- —
1 to 18 bbls., E. works, gal.		.35	- —
dms., c.l., E. works	gal.	.29	- —
19 dms., E. works	gal.	.31	- —
1 to 18 dms., E. works, gal.		.34	- —
tanks, E. works	gal.	.23	- —

Anhydrous, 5c. per gal. higher.

SD23-G, works, E., dms., c.l., 19 dms.	gal.	.35½	- —
1 to 18 dms	gal.	.38½	- —
tanks	gal.	.27½	- —

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c.l., E., works	gal.	.30	- —
20 dms., E. works	gal.	.32	- —
1 to 19 dms., E. works, gal.		.35	- —
tanks, E. works	gal.	.24	- —

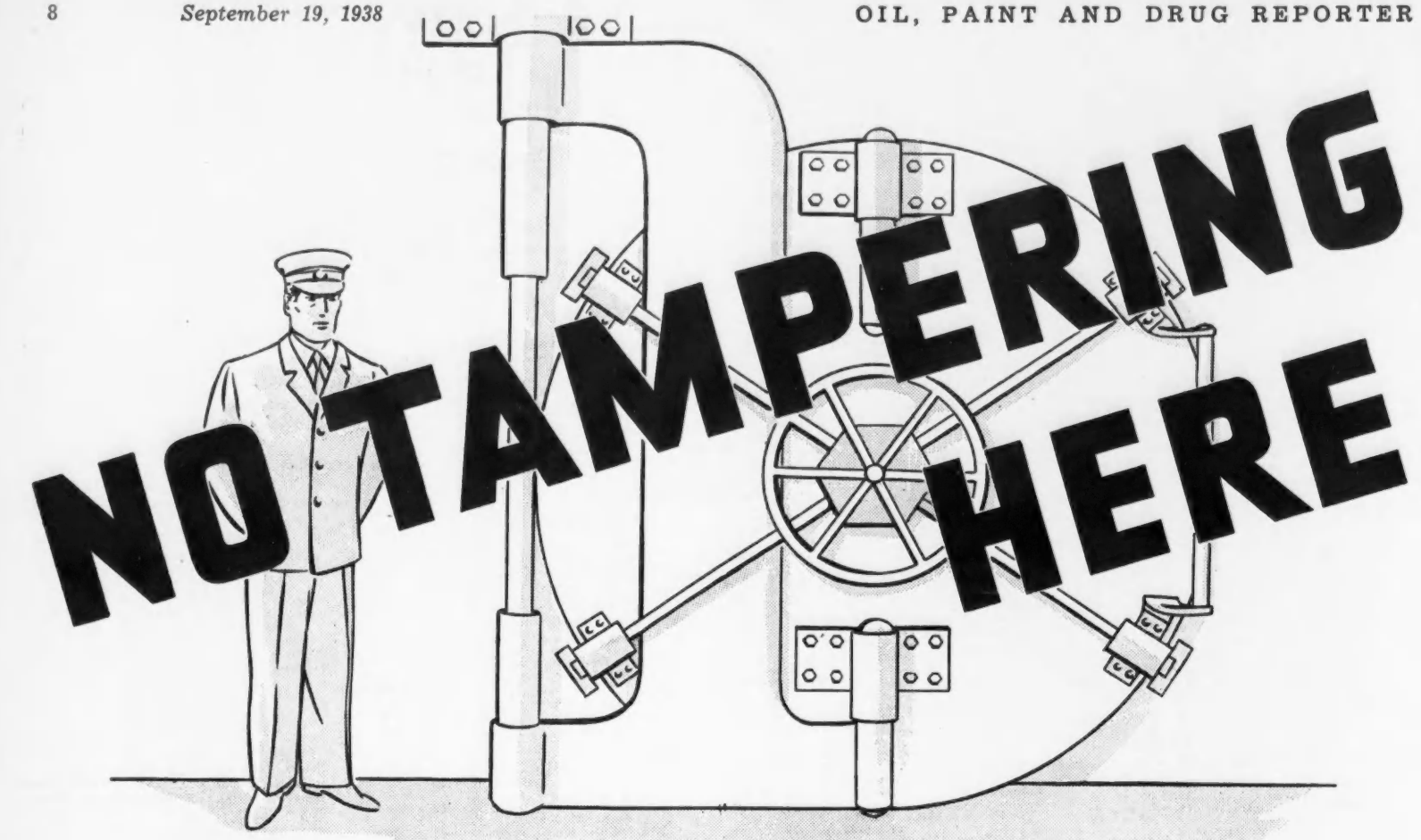
Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt., alld	lb.	.11½	- —
l.c.l., frt. alld	lb.	.12	- —
tanks, dlvd.	lb.	.10½	- —
tech., contract, dms., c.l., frt. alld	lb.	.10½	- —
l.c.l., frt. alld	lb.	.11	- —
tanks, dlvd.	lb.	.09½	- —
Ethyl, 190 pf., ex molasses, bbls., c.l	gal.	4.56½	- —
19 bbls.	gal.	4.58½	- —
1 to 18 bbls	gal.	4.61½	- —
dms., c.l.	gal.	4.55½	- —
19 dms.	gal.	4.57½	- —
1 to 18 dms.	gal.	4.60½	- —
tanks	gal.	4.49½	- —
absolute, dms., c.l.	gal.	4.88	- —
19 dms.	gal.	4.90	- —
1 to 18 dms	gal.	4.93	- —

Grain alcohol 25c. per gal. higher

Furfuryl, tech., cns., works	lb.	.35	- —
dms., c.l., 33,000 lbs., works, lb.		.20	- —
l.c.l., 500 lbs. and more, works	lb.	.25	- —
Isoamyl, primary, dms., l.c.l., dlvd	lb.	.27	- —
cans, works	lb.	.32	- —
Isobutyl, refd., dms., c.l., works, frt. alld. E. of Rockies	lb.	.08¼	- —
l.c.l., same terms	lb.	.09	- —
tanks, same terms	lb.	.07½	- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest	gal.	.33½	- —
l.c.l., same basis	gal.	.38½	- —
tanks, same basis	gal.	.28½	- —
99%, dms., c.l., same terms, gal.		.36	- —
l.c.l., same terms	gal.	.41	- —
tanks, same terms	gal.	.31	- —
Methyl (see Methanol)			
Phenylethyl, bots., cns	lb.	2.70	- 4.25
Propyl (see Isopropyl)			
Propyl, normal, dms., works, gal.		.70	- —
Aldehol, denat., grade, dms., tanks, works	gal.	.70	- .72
Aldehyde bisulphite bbls., dlvd., lb.		.17	- —
smaller containers	lb.	.20	- —
Aldol, 95%, 55 and 110 gal. dms., dlvd	lb.	.20	- —
5 and 10 gal. dms., dlvd	lb.	.22	- —
Aletris root, bgs	lb.	.40	- .42
Alizarin (see Red, alizarin).			
Alkanet root, bgs	lb.	.10	- .11
Aloe, Barbados, true, cs	lb.	.85	- .90
Cape, cs	lb.	.20	- .22
Curacao, cs	lb.	.35	- .37
gourds, bbls	lb.	.50	- .55
Socotrine, kgs	lb.	.45	- .60
Aloin, 140-lb. bbls	lb.	2.65	- —
100-lb. kgs	lb.	2.67	- —
25-lb. fib. dms	lb.	2.74	- —
Alphanaphthol, bbls	lb.	.62	- —
Alphanaphthylamine, bbls	lb.	.32	- —
Althea root, cube cut, bbls	lb.	.30	- .32
Alum, ammonia, burnt, USP, bbls., kgs	lb.	.16	- .18
gran., bbls., works	100 lbs.	3.15	- —
dlvd. N.Y. Phila	100 lbs.	3.15	- —
lump, bbls., works	100 lbs.	3.40	- —
dlvd., N.Y., Phila	100 lbs.	3.40	- —
powd., bbls., works	100 lbs.	3.55	- —
dlvd. N. Y., Phila	100 lbs.	3.55	- —
powd., bbls., works	100 lbs.	3.55	- —
dlvd., N. Y., Phila	100 lbs.	3.55	- —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse



or here

Tri-Sure
$100.00
will be paid by the AMERICAN FLANGE & MANUFACTURING CO., INC., to anyone in the U. S. A. causing arrest and conviction of persons unlawfully removing genuine Tri-Sure closures and seals, with intention of committing a felony. Suitable reward will be paid in foreign countries.
GUARANTY

JUST as every cent inside a modern bank vault is safe, so every drop inside a "Tri-Sure"-equipped drum is safe—safe from *tampering*, from *leakage*, from *waste*, from *pilferage*, from *substitution*.

"Tri-Sure" Closures *cannot* be tampered with because they have seals which cannot be removed without deliberately breaking them. "Tri-Sure" Closures protect your product from all waste and leakage.

Let your drums say to everyone who sees them, "No tampering here." Let "Tri-Sure" make *sure* that your product arrives in exactly the same quantity and quality which was sent.

AMERICAN FLANGE & MANUFACTURING CO., INC.
30 Rockefeller Plaza, New York, N. Y.

Tri-Sure
CLOSURES

Alum, ammonia (cont.):—
deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.
Potash, gran., bbls., works.. 100 lbs. 3.40- 3.65
dlvd. N.Y., Phila..100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.65 - 3.90
dlvd. N.Y. Phila..100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.80 - 4.05
dlvd. N.Y., Phila..100 lbs. 3.80 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .06¼- .06½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, 20% normal solut., bbls., c.l., dlvd..lb. .07½- —
l.c.l., dlvd.....lb. .09 - —
13%, basic solut., bbls., c.l., dlvd..lb. .10 - —
l.c.l., dlvd.....lb. .12 - —
basic powd., bbls., dlvd.....lb. .40 - —
smaller containers, dlvd. lb. .50 - —
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .06 - —
12,000 to 40,000 lbs, works..lb. .07 - —
1,100 to 11,000 lbs., works. lb. .08 - —
140 to 875 lbs., works.lb. .09 - —
100 lbs., or less, works.lb. .10 - —
Alumina, chloride, cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
Alumina chloride solution, 32 deg., cbys., c.l., works. lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30% solut., bbls., c.l., dlvd..lb. .13 - —
l.c.l., dlvd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls.....lb. .03½- —
bgs., c.l.....lb. .0260- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l, bgs., c.l. works, frt. equaled.100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.35 - —
l.c.l., works, frt. equald. 100 lbs. 1.60 - —
iron-free, bgs., c.l., works... 100 lbs. 1.30 - —
l.c.l., works....100 lbs. 1.55 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., works.....100 lbs. 1.75 - —
Aluminum, 98-99%, c. l.....lb. .20 - —
l.c.l. .....lb. .21 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .65 - —
ink, dms., 1,500 lbs....lb. .75 - —
standard. dms., 1,500 lbs..lb. .43 - —
powder, lining, extra fine, dms., 1,500 lbs..lb. .92 - —
standard, dms., 1,500 lbs.lb. .57 - —
Aluminum, powder, litho, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
lining, dms., 1,500 lbs....lb. .57 - —
standard, dms., 1500 lbs..lb. .42 - —
rubber compound, dms., 1,500 lbs..lb. .40 - —
unpolished, dms., 1,500 lbs.lb. .37 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .43 - —
extra fine, dms., 1,500 lbs.lb. .47 - —
standard, dms., 1,500 lbs.lb. .42 - —

Aluminum paste and powder prices for lots smaller than 1,500 lbs. are 10c. per lb. higher for less than 200 lbs.; 5c. per lb. higher for 200-400 lbs.; 2c. per lb. higher for 400,-1,000 lbs.; and 1c. per lb. higher for 1,000-1,500 lbs.; for partial shipments on contracts, prices are 3c. per lb. higher on lots of less than 200 lbs.; 1c. per lb. higher for 200-400 lbs.; and ½c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. for 50 lbs.; 3c. per lb. for 10 lbs.; 5c. per lb. for 2 lbs.; 8c. per lb. for 1 lb.; and 12c. per lb. for ½ lbs.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 -36.00
Aminopyrine, fib., dms., 100 lbs. lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dlvd..lb. .27 - .33
dms., dlvd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.). works..lb. .04¼- —
Ammonia, anhydrous, refrigeration, tanks, works..lb. .05 - —
pure, cyls., dlvd., met. N.Y., lb. .16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05 - —
dms., c.l.....lb. .02 - —
l.c.l. .....lb. .02¼- —
tanks (on NH₃ content), dlvd., E..lb. .05½- —
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .42
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .32 - —
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls. lb. .08 - .12½
imported, csks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .17
powd., bbls., dms....lb. .09 - .25
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225 lb. bbls....lb. .12 - .13
100 lb. kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide. (see Ammonia, aqua).
Hypophosphite, fib., dms.....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.52 - —
jars .....lb. 3.45 - —
Laurate, bbls. .....lb. .23 - —
Linoleate, 80%, anhyd., bbls.lb. .12 - .15
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Naphthenate, bbls. .....lb. .17 - —

Ammonia nitrate, tech., bgs., c.l., works...100 lbs. 3.60 - —
l.c.l., works.....100 lbs. 3.85 - —
bbls., c.l., works.....100 lbs. 3.80 - —
l.c.l., works.....100 lbs. 4.05 - —
Oleate, dms.....lb. .14 - .15
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .19 - .20
Perchlorate, kegs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N,P.V., bls., lb. .27 - —
kgs. .....lb. .30 - —
tech., bbls., c.l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 18% phos. bulk, f.o.b. E. works.. unit-ton. 1.20 & .70
pure, bbls. .....lb. .40 - .45
tech., bbls., c,l. .....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls. .....lb. .15 - —
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., 350-lb. bbls., f.o.b. N. Y..lb. .09 - —
5 bbls., same basis.....lb. .08½- —
Stearate, anhydrous.....lb. .22 - —
paste .....lb. .07 - —
Sulphate, dom., bulk, c.l., f.o.b. September shipt....ton. 27.00 - —
October shipt.....ton. 27.25 - —
November shipt....ton. 27.50 - —
December shipt....ton. 27.75 - —
Jan.-June, 1939 shipt., ton. 28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 35-40%, basis 100%, dms,, works..lb. .12 - .18
tanks, delvd. .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works.....lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs. .....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom,, bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
Sal, white, gran., dom., bbls., contracts, N. Y., l.c.l. 100 lbs. 4.90 - 5.05
import, csks. .....100 lbs. 4.90 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., dlvd..lb. .10½- —
l.c.l., dlvd.....lb. .11 - —
tanks, dlvd.....lb. .09½- —
cns., works.....lb. .15 - .17
ex pentane, dms., frt. alld.lb. .11 - —
l.c.l., frt., alld.....lb. .12 - —
tanks, frt., alld.....lb. .10 - —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots. .....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .18 - .20
import, natural, bls.....lb. .20 - .22
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .30 - .31
Anilin oil, dms., c.l.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .16½- .17
Star, bgs. .....lb. .12¾- .13½
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
seed, bgs .....lb. .07½- .08
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .11¼- —
Needle, powd., ton lots, bulk, lb. .12½- —
bbls. .....lb. .13½- —
Oxide, bbls., c.l.....lb. .11¼- —
l.c.l. .....lb. .12¼- —
Salts, 65%, kgs.....lb. .26 - .27
White, pigment, bgs., c.l., Texas works, frt. alld to ½c..lb. .11¾- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, con., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .11 - .12
Arecoline hydrobromide, bots..oz. 4.35 - 4.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .28 - .30
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08 - .08¾
bbls. .....lb. .08¾- .09
Arsenic, metal, lump, cs.....lb. .40 - .41
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.35 - —
jars .....lb. 5.20 - —
Red, import, cs.....lb. .15¾- .16½
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs. .....lb. .25 - .26
powd., bbls., bxs.....lb. .38 - .42
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton. 42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton. 40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton. 30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton. 25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton. 23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton. 19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton. 16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton. 14.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N. Y.lb. .03¼- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N. Y..ton. 29.00 - —
l.c.l., f.o.b. N. Y.....ton. 36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton. 60.00 - —
l.c.l., f.o.b. N. Y.....ton. 90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton. 35.00 - —
l.c.l., f.o.b. N. Y.....ton. 55.00 - —

Asphaltum, Egyptian, bgs., c.l., f.o.b. N.Y.....lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton. 32.90 - —
seconds, bgs., c.l., Western shipt. points..ton. 25.50 - —
selects, bgs., c.l., Western shipt. points..ton. 30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton. 51.00 - —
Jet., bgs., c.l., Western shipping points..ton. 30.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton. 19.00 - —
l.c.l., refinery.....ton. 21.00 - —
tanks, refinery.....ton. 16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif, refinery...ton. 12.50 -14.00
East Coast, refinery...gal. .06 - .06¼
Ill., Ind., refinery.....gal. .06¼- —
N. Orleans refinery....gal. .06 - —
Atropine, bots. .....oz. 5.25 - 5.80
Sulphate, bots. .....oz. 2.85 - 2.90
cns. .....oz. 2.50 - —

B

Balm of Gilead buds, bgs....lb. .25 - .28
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .09 - .10
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%-96%, grd., bgs., c.l., works, ton. 41.00 -43.00
99% thru, 200, mesh bgs., c.l., works..ton. 43.00 -45.00
precip., bgs., c.l., works..ton. 52.50 - —
bbls., works.....ton. 57.50 - —
l.c.l., bgs., works.....ton. 57.50 - —
bbls., works.....ton. 62.50 - —
sulphur-free, bgs., bbls., c.l., works..ton. 57.50 -62.50
Chlorate, kgs.....lb. .16½- .17¼
Chloride, C.P., cryst., bbls..lb. .19 - —
dms. .....lb. .20 - —
tech., doms., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton. 77.00 - —
bbls., same basis..ton. 79.00 - —
l.c.l., bgs., same basis. ton. 90.00 - —
bbls., same basis..ton. 92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton. 81.00 - —
bbls., same basis..ton. 83.00 - —
l.c.l., bgs., same basis, ton. 94.00 - —
bbls., same basis..ton. 96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz..ton. 87.00- —
bbls., same basis..ton. 89.00 - —
l.c.l., bgs., same basis, ton. 100.00 - —
bbls., same basis..ton. 102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton. 83.00 - —
bbls., same basis..ton. 85.00 - —
bbls., l.c.l., same basis, ton. 96.00 - —
bbls., same basis..ton. 98.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. 11½- .12
Fluosilicate, bbls.....lb. .11½- .12
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05¼
Iodide, bots. .....lb. 4.45 - 4.50
Monoxide (see Oxide).
Nitrate, cks. .....lb. .06¾- .07¼
Oxide, dms.....lb. .09 - .11
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09¼- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St, Louis..ton. 23.65 - —
l.c.l., ex whse., Boston, ton. 36.00 - —
Chicago .....ton. 31.15 - —
Cleveland .....ton. 33.50 - —
New York.....ton. 32.00 - —
paper bgs., c.l., St. Louis. ton. 22.85 - —
l.c.l., ex car, Baltimore, ton. 30.70 - —
Boston .....ton. 31.70 - —
Philadelphia .....ton. 30.50 - —
ex whse., Baltimore. ton. 32.10 - —
Boston .....ton. 35.20 - —
Chicago .....ton. 30.35 - —
Barytes, dom., floated, bgs., l.c.l., ex whse Cleveland..ton. 33.00 - —
Detroit .....ton. 33.00 - —
Kansas City .....ton. 30.93 - —
Los Angeles .....ton. 42.00 - —
New York .....ton. 31.50 - —
Philadelphia .....ton. 31.90 - —
San Francisco.....ton. 42.00 - —
Toronto .....ton. 39.30 - —
southern off color, bulk, mines, ton. 12.00 - —
95, 75%, bulk, mines....ton. 16.00 - —
ore, bulk, mines, long ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton. 11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. 25.00 -26.00
l.c.l., ex whse.....ton. 30.00 - —
ungrd., bulk, c.l., ex dock, ton. 13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton. 29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .15 - .16
Belladonna leaves, bls.....lb. .13 - .17
Root, bls. .....lb. .11 - .12
Bentonite, 200 mesh, bgs., Wyo. works..ton. 11.00 - —
325 mesh, bgs., Wyo. works, ton. 16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
W. coast, f.o.b., Minnequa, Colo..gal. .16 - —
Benzoyl chloride, dms.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns. works..lb. 1.95 - —

Alum—Black, Lamp

Benzyl acetate, f.f.c., cns.....lb. .42 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cns..lb. .94 - —
dms. .....lb. .89 - —
Chloride, 95-97%, refd., dms., lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.20 @ 3.50
Berberine bisulphate, cns.....lb. 16.75 - —
Hydrochloride, cns.....lb. 16.75 - —
Sulphate, cns.....lb. 16.75 - —
Berberis root, bls.....lb. .14 - .15
Betanaphthol, subim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib, dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .18 - .19
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.05 - —
Nitrate, cryst., 5-lb. bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib, dms.....lb. 1.13 - 1.16
Subcarbonate, bots., cns.....lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
X-ray, 5-lb. bots.....lb. 2.42 - —
fib. dms.....lb. 2.36 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.88 - —
Subnitrate, powd., bots., cns. lb. 1.27 - 1.53
fib. dms.....lb. 1.18 - 1.21
Subsalicylate, 62-66%, bxs...lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots....lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1. bbls., bgs., c.l., frt. alld. E..lb. .12 - —
l.c.l., frt. alld. E.....lb. .12½- —
2. bbls., bgs., c.l., frt. alld., E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3. bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4. bbls., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5. bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls., c.l., frt. alld. E..lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7. bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09¼- —
8. bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —

Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.

Carbon, special, 1, bgs., c.l., dlvd..lb. .03¾- .04¾
bgs., ctns., l.c.l., dlvd..lb. .06¾- —
cs., l.c.l., dlvd.....lb. .07½- —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10¼- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4 bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd., rail zone A (Gulf ports), for delivery in Nor. Amer. (water freights extra)..lb. .02¾- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0310- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States).lb. .0319- —
30,000 lbs., dlvd., Zone C, Pac. Cst. States.lb. .0335- —
D (Ill., Ia., Wis.)..lb. .03¼- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn, W. Va.)...lb. .0341- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .03¾- —
G (Mexico) f.o.b. border, lb. .03 - —
f.o.b. N. Orleans, lb. .029 - —
l.c.l., f.o.b. whse.....lb. .03¾- —
bgs. or ctns. (sellers option) l.c.l., dlvd..lb. .06¼- —

bulk, tanks, same price as bags in each zone.
cs., l.c.l., dlvd.....lb. .07 - —
export, full, compressed, cs., f.a.s., Gulf ports..lb. .04¾ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .05¼ Nom.

Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns. c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —

Black, Lamp—Cad. Iodide

Black, lamp, import, 1, bbls., c.l., f.o.b., N.Y..lb. .08 - —
l.c.l., f.o.b., N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls, c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b., N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N.Y....lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y., lb. .04¼- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under dyes.
Black haw, root bark, bls....lb. .23 - .25
Tree bark, bls.....lb. .14 - .15
Black Indian hemp root, bls...lb. .16 - .18
Blanc fixe, dry, by-product, bgs., c.l..ton.55.00 - —
l.c.l. .....ton.60.00 - —
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y., unit-ton. 2.75 - —
high-grade, grd., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 2.75 - —
import, bgs., c.i.f. ports, shipt., unit-ton. 3.10 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .13 - .14
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ¼c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg. lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Potash, dom., bbls., same basis alkali toner, contracts..lb. .45 - —
open order .....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts.lb. .36 - —
open order .....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts, lb. .36 - —
open order .....lb. .37 - —
Tungstated, peacock, kegs...lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Blue, ultramarine, dry, jobbing, bbls., works, frt. equaled. lb. .11 - —
regular, 1, bbls., works, frt. equaled..lb. .16 - —
2, bbls., same basis....lb. .18 - —
3, bbls., same basis....lb. .19 - —
4, bbls., same basis....lb. .20 - —
5, bbls., same basis....lb. .23 - —
6, cobalt, A, bbls., same basis..lb. .27 - —
B, bbls., same basis.lb. .24 - —
C, bbls., same basis.lb. .23 - —
D, bbls., same basis.lb. .22 - —
7, A, bbls., same basis.lb. .23 - —
B, bbls., same basis..lb. .22 - —
special, 1, bbls., same basis, lb. .19 - —
2, bbls., same basis....lb. .20 - —
3, bbls., same basis....lb. .22 - —
4, bbls., same basis....lb. .23 - —
5, bbls., same basis....lb. .25 - —
6, bbls., same basis....lb. .27 - —
pulp, 1, bbls., same basis..lb. .27 - —
2, bbls., same basis.....lb. .23 - —
3, bbls., same basis.....lb. .23 - —
4, bbls., same basis.....lb. .20 - —
Ultramarine, blue, dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs..lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works..100 lbs. 4.25 - —
16-50 bbls., same basis, 100 lbs. 4.40 - —
Blue vitriol, 99% cryst., bbls., 6-15 bbls., same basis, 100 lbs. 4.50 - —
Blue vitriol, 99%, cryst., bbls., 1-5 bbls., same basis, 100 lbs. 4.75 - —
Blue vitriol, Monohydrated, dms., c.l., dealer, f.o.b. works..100 lbs. 8.65 - 8.90
l.c.l. dealers....100 lbs. 9.65 - 9.90
Bluestone (see Blue vitriol).
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago.ton.27.00 -29.00
c.i.f. Atlantic ports.....ton.27.50 - —
import, bgs., c.i.f., ports.ton.27.50 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.23.00 -24.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.22.50 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.).
steamed, dom., 1½% ammon. 60% phos., bgs., f.o.b. Chicago..ton.19.00 -20.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.21.00 -21.50
Borage flowers, bls. .....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..tons.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..tons.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min. dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse...ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min. dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs., and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots. .....lb. 1.75 - 2.00
cns. .....lb. 1.50 - —
Brazilwood extract (see Hypernic),
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls. .....lb. .10 - .11
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .10 - —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, Group 1, bbls., f.o.b. N. Y. or Pa. points..lb. .12¼- —
Group 2, bbls., same basis, lb. .11¼- —
3, bbls., same basis...lb. .10½- —
4, bbls., same basis...lb. .08¾- —
5, bbls., same basis...lb. .08¾- —
6, bbls., same basis...lb. .08¼- —
7, bbls., same basis...lb. .08 - —
8, bbls., same basis...lb. .07¾- —
9, bbls., same basis...lb. .07¼- —
10, bbls., same basis..lb. .06¾- —
11, bbls., same basis..lb. .06¾- —
12, bbls., same basis..lb. .06¼- —
13, bbls., same basis..lb. .06 - —
14, bbls., same basis..lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, Group 1, bbls., f.o.b., N. Y. or works..lb. .12½- —
Group 2, bbls., same basis, lb. .10¾- —
3, bbls., same basis...lb. .11 - —
4, bbls., same basis...lb. .09½- —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .07¾- —
8, bbls., same basis...lb. .07¼- —
9, bbls., same basis...lb. .06¾- —
10, bbls., same basis..lb. .06 - —
11, bbls., same basis..lb. .05 - —
Umber, American, bbls., works, lb. .02¾- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y..lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock, Portland, San Francisco, Seattle..lb. .04¾- —
ex whse., Boston....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle, lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04¼- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .05¼- .06
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia root, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .33 - .39
Buckthorn bark, true, bls.....lb. .05 - .05½
Berries, bgs. .....lb. .17 - .18
Burdock root, bls. .....lb. .10 - .10½
Burgundy pitch, dom., bbls...lb. .03¼- .03¾
Butanes, coml., 16-34°, tanks, group 3..gal. .03¾- —
Butternut bark, bls.....lb. .07 - .08
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .09½- —
l.c.l., contract, frt.alld..lb. .10 - —
tanks, contract, frt. alld..lb. .08½- —
secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol):—
Aldehyde, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- .17½
tanks, works.....lb. .14½- —
Carbinol (see Carbinol).
Crotonate, normal, 55 & 110 gal. dms., dlvd..lb. .33 - —
5 & 10 gal. dms., dlvd....lb. .36 - —
Ether (see under Ether).
Lactate, dms. .....lb. .22¼- —
Butyl, propionate, dms., dlvd..lb. .16½- .17
tanks .....lb. .15½- —
Stearate, dms. .....lb. .26 - —
Butyric ether, bots.....gal. 6.60 - 6.95
cns., works .....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, jars, 100 lbs., works, frt. equal'd..lb. 1.66 - —
50 lbs., works.....lb. 1.66 - —
25 lbs., works.....lb. 1.71 - —
bots., 5 lbs., works.....lb. 1.85 - —
Iodide, 5-lb. bots.....lb. 4.21 - —
25-lb. cns.....lb. 3.97 - —

TECHNICAL CONTROL
Color
Uniformity of color in the four basic pigments is characteristic of Mapico Colors. Constant routine rub-outs, control the color development in the manufacturing process and assure the adherence to close color standards in the final product.
Technical inquiry is invited
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MAPICO COLORS
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REDS · BLACK
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BINNEY & SMITH CO., Distributors
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DIVISION OF COLUMBIAN CARBON COMPANY

Cadmium, lithopone (see Yellow)
Metal, cs. lb. .95 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100-lb. dms., 10,000 lbs. or more. lb. 2.20 - —
2,000 lbs., or more. lb. 2.25 - —
1,000 lbs., or more. lb. 2.30 - —
100 lbs. lb. 2.35 - —
25-lb. dms., 10,000 lbs., or more. lb. 2.23 - —
2,000 lbs., or more. lb. 2.28 - —
1,000 lbs., or more. lb. 2.33 - —
100 lbs. lb. 2.43 - —
25 lbs. lb. 2.55 - —
10-lb. cns., 10,000 lbs. or more. lb. 2.25 - —
2,000 lbs., or more. lb. 2.30 - —
1,000 lbs., or more. lb. 2.35 - —
100 lbs. lb. 2.45 - —
less than 100 lbs. lb. 2.75 - —
5-lb. cns., 25 lbs., or more. lb. 2.70 - —
less than 25 lbs. lb. 2.85 - —
Citrated, cns. lb. 1.80 - 2.10
Hydrobromine, bots. lb. 4.91 - 4.99
Calabar beans, bgs. lb. .25 - .26
Calamus root, bleached, cs. lb. .40 - .41
peeled, bls. lb. .10 - .12
Calcium acetate, bgs., dlvd. 100 lbs. 1.65 - —
Arsenate, bgs., c.l., dealers, E. of Rockies. lb. .06¾- .07¼
W. of Rockies, bgs., dms. lb. .06½- .06¾
Southern cotton states, bgs., lb. .06½- .07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, 100 lbs., works, frt. equaled. lb. .70 - —
50 lbs., works. lb. .72 - —
25 lbs., works. lb. .75 - —
Carbide, dms. lb. .05 Nom.
Carbonate (see Chalk and Whiting).
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd. ton. 22.00 -35.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd. ton. 20.00 -33.00
l.c.l., 1 ton or over, dlvd. 100 lbs. 1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs. lb. .50 - —
dms. lb. .55 - .57
cns. lb. .68 - .85
Glycerophosphate, fib., dms., 1,000-lb. lots. lb. 1.00 - —
smaller lots. lb. 1.15 - —
cns., 25 lbs. lb. 1.40 - —
Hypophosphite, cns. lb. .62 - .67
Iodide, bots., jars. lb. 3.85 - 3.90
Lactate, U.S.P., bbls., 200 lbs. lb. .23 - —
Levulinate, bots., less than 25 lbs., works. lb. 3.00 - —
Nitrate, bgs., to fert. mfrs., ex vessel, No. Atlantic ports, or f.o.b. cars, So. Atlantic ports ton. 28.00 - —
Palmitate, bbls. lb. .22 .25
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.l.f. Atlantic ports, shipt. unit-ton. .77 - —
tribasic, c.l., bbls., works. lb. .06½- —
l.c.l., bbls. lb. .07¼- —
Resinate, precip., bbls., 1 ton. lb. .13 - —
smaller lots. lb. .14 - —
Stearate, precip., bbls., cns., c.l. lb. .19 - —
l.c.l., 1 ton. lb. .20 - —
Sulphate (see Gypsum).
Sulphide, 75%, CaS, works, bulk, c.l., 23-mesh. ton. 42.50 - —
bags, bulk, c.l., works. ton. 45.00 - —
l.c.l., works ton. 47.50 -50.00
75%, CaS, works, bulk, c.l., 50-mesh. ton. 43.50 - —
bags, bulk, c.l., works. ton. 46.00 - —
l.c.l., works ton. 48.50 -51.00
80%, CaS, works, bulk, c.l., 25-mesh. ton. 47.50 - —
bags, bulk, c.l., works. ton. 50.00 - —
l.c.l., works ton. 52.50 -55.00
80%, CaS, works, bulk, c.l., 50-mesh. ton. 48.50 - —
bags, bulk, c.l., works. ton. 51.00 - —
l.c.l., works ton. 53.50 -56.00
luminous, dom., tins, works, 100 lbs. .85 - —
Sulphocarbolate, bbls., 200 lbs. lb. .48 - —
kgs., 100 lbs. lb. .50 - —
Calendula flowers, bls. lb. .35 - .36
Calomel, bbls., fib., dms., kgs., 50 lbs., or more. lb. 1.28 - —
Camphor, natural, powd., cs. lb. .52½- .53
slabs, cs. lb. .52½- .53
tablets, tins lb. .57 - .57½
synthetic, dom., imp., gran., powd., bbls., 2,000-lb. lots lb. .47 - —
1,000-lb. lots lb. .48 - —
500-lb. lots lb. .49 - —
100-lb. lots lb. .50 - —
Monobromate, bxs., kgs. lb. 1.75 - 1.80
Canada balsam (see Fir balsam).
Canary seed, Argentine, bgs. lb. .0440- .0465
Morocco, bgs. lb. .0430- .0460
Turkish, bgs. lb. .0430- .0460
Canella alba bark, bls. lb. .30 - .31
Cantharides, Chinese, cs. lb. .60 - .70
powd., bxs. lb. .70 - .80
Russian, cs. lb. .90 - .95
powd., bxs. lb. 1.10 - 1.15
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs. lb. .06¾- .07
Carbazole, 95%, dms., ton lots, works. lb. .70 - —
smaller quantities, works. lb. .80 - —
98%, dms., ton lots, works. lb. .75 - —
smaller quantities, works. lb. .85 - —
Carbinol, butyl, norm., dms., works. lb. .60 - —
small lots, works. lb. .75 - —
secondary, dms., works. lb. .60 - —
small lots, works. lb. .75 - —
Diethyl, dms., works. lb. .60 - —
small lots, works. lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works. lb. .33 - —
l.c.l., works. lb. .34 - —
tanks, works. lb. .32 - —
Methylpropyl, dms., works. lb. .60 - —
small lots, works. lb. .75 - —
Dimethylethyl, dms., works. lb. .60 - —
small lots, works. lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R. lb. .05 - —
l.c.l., same basis. lb. .05¾- —
5-gal. dms., c.l., same basis, lb. .07 - .07½
l.c.l., same basis. lb. .08 - .08½
tanks, same basis. lb. .04½- —
Dioxide, cyls. lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal. dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R., and incl. Ia., Ky., Minn., Mo., N. C., Tenn., Va. lb. .05 - —
l.c.l., same basis. lb. .05½- —
10-gal. dms., c.l. (20 tons), same basis. lb. .06¾- .07¼
l.c.l., same basis. lb. .07¾- .08¼
tanks, same basis. lb. .06¾- .07¼
l.c.l., same basis. lb. .07¾- .08¼
Fire extinguisher liquid, 1½c. lb. higher.
Carbon tetrachloride prices are ½c. per lb. higher frt. alld. in S.E. and Central States; 1c. per lb. higher frt. alld. in Rocky Mts. and S. W. States; prices in Pacific Coast States are 1¼c. per lb. higher, f.o.b. Coast shipping points.
Cardamom, bleached, cs. lb. 1.20 - 1.50
decorticated, cs. lb. .80 - .82
green, bgs. lb. .50 - .52
Carvol, bots. lb. 4.00 - 4.25
Cascara sagrada bark, bulk. lb. .11 - .12
Case-hardening mixture, 30%, lump, dms., l.c.l. lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd. lb. .09½- .10
5 tons, works. lb. .11 - —
smaller lots, works. lb. .12 - —
80-100 mesh, bgs., c.l., dlvd., lb. .10 - .10½
5 tons, works. lb. .11½- —
smaller lots, works. lb. .12½- —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd. lb. .12 - —
80-100 mesh, bgs., c.l., duty paid. lb. .12½- —
French, 30 mesh, bgs., c.l., duty pd. lb. .17 Nom.
Cassia, Batavia, 1, bgs. lb. .16 - .16¼
3, bls. lb. .09¾- .10
shortstick, bls. lb. .12¾- .14
China, rolls, select, cs. lb. .07 - .07¼
broken, extra, bls. lb. .04½- .04¾
Saigon, bls. lb. .15 - .15½
Cassia buds, cs. lb. .15 - .15½
Cassia fistula, bskts. lb. .08 - .09
Castile soap, white, bars., cs., 40 lbs. 11.75 -12.50
powd., bbls. lb. .28 - .35
Castoreum, nat., cns. lb. 15.00 -18.00
synth., bots. lb. 19.00 - —
Castor oil (see Oil, castor).
Pomace, dom., 5% ammon., bgs., c.l., works. ton. 18.50 - —
import, bgs., c.i.f., ports, shipment. ton. 21.00 - —
Catnep leaves, bls. lb. .17 - .18
Celery seed, French, bgs. lb. .13½- .14
Indian, bgs. lb. .11½- .12
Celluloid scrap (see Pyroxylin scrap).
Cellulose acetate, flake, gran., cs., frt. alld. lb. .40 - —
Acetobutyrate, 501 lbs. and over, works. lb. .52 - —
101 lbs., works. lb. .53 - —
smaller lots, works. lb. .55 - —
Acetopropionate, 500 lbs. and over, works. lb. .57 - —
100-499 lbs., works. lb. .58 - —
1-99 lbs., works. lb. .60 - —
Triacetate, 50,000 to 99,999 lbs. lb. .50 - —
20,000 to 49,999 lbs. lb. .55 - —
10,000 to 19,999 lbs. lb. .60 - —
2,000 to 9,999 lbs. lb. .65 - —
Cerium hydrate, dms., works. lb. .60 - —
Oxalate, USP, bbls., works. lb. .35 - —
kgs., works lb. .37 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works. lb. .02¾- —
cks., 250 lbs., c.l., f.o.b., works. lb. .03¼- —
Chamomile flowers, Hungarian, genuine, cs. lb. .19 - .20
Roman, bls. lb. .28 - .29

Cad. Lith.—China Clay

Charcoal, softwood, powd., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va. ton. 30.40 - —
Colo. ton. 27.00 - —
Conn., Me., Mass., N. H., R. I., Vt. ton. 30.80 - —
Ill. (except river point), Minn., Neb., Wis. ton. 25.00 - —
Indiana ton. 26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso). ton. 23.00 - —
Kansas, El Paso, Tex., ton. 24.00 - —
Michigan ton. 27.80 - —
Ohio, Penn. ton. 29.80 - —
Utah ton. 34.00 - —
Willow, powd., bbls. lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l. wks. lb. .02 - —
l.c.l., bbls., wks. lb. .02¼- —
tanks, wks. lb. .01¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works. ton. 9.50 - —
l.c.l., works. ton. 10.00 -16.00
bulk, c.l., works. ton. 7.00 - —
200 mesh, bgs., c.l., works. ton. 8.50 - —
l.c.l., works. ton. 9.50 -15.00
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works, ton. 9.50 - —
paper bgs., c.l., works, ton. 12.50 - —

MAYBE THEY MEAN YOUR PRODUCT!

Instinctively, everybody thinks of a canned product as offering the utmost in convenient usage. Take, for instance, canned beer or motor oil or ginger ale. There are hundreds of other products like them—similar only in the fact that they are packed the same way—in tin cans.

Maybe you make a product that has never been packed in tin. Your first reaction might be, "Sure—cans are all right—but my product is different—it won't go in a can." Our research laboratories aren't so sure of that.

They've been able to show manufacturers how to pack some seemingly unusual things in cans successfully. And, today, these products are more the rule than the exception.

So why be without the lower shipping weight, the greater protection from contamination, the freedom from breakage, and the greater salability of cans for your product? Our laboratories will be glad to see if your product can be packaged in tin. They have worked out some hard problems and their complete facilities are at your command. A letter or call to our nearest office will bring a representative immediately.

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China Clay—Dextrin

China clay import, white, lump, bulk, c.l., ex dock Balto, Boston, Norfolk, Phila., ton. 22.00 - 25.00
Import, white, powd., csks., l.c.l., ex dock. ton. 35.00 - —
ex whse. ton. 37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .92
500 lbs. lb. .86 - .95
100 lbs. lb. .88 - .97
25 lbs. lb. .90 - .99
1-10 lbs. lb. .95 - 1.02
dms., 1,000 lbs. lb. .80 - —
500 lbs. lb. .83 - —
100 lbs. lb. .85 - —
Chlorinated rubber, bgs., c.l. (30,000 lbs. min.) works. lb. .35 - —
2,000 lbs., works. lb. .37 - —
Chlorine, liq., cyls., c.l., dlvd., N. Y. lb. .05½- —
contracts, dlvd., N.Y. lb. .05½- —
l.c.l., dlvd., N.Y. lb. .07½- —
tanks, single unit, works, frt. equaled. 100 lbs. 2.15 - —
tanks, multiple unit, 3 or over, wks., frt. equald. 100 lbs. 2.30 - —
2, works, frt. equaled. 100 lbs. 2.55 - —
1, works, frt. equald. 100 lbs. 3.00 - —
Chloroacetophenone, tins, works. lb. 3.00 - 3.50
Chloroform, tech., 650-lb. dms. lb. .20 - —
100-lb. dms. lb. .22 - —
50-lb. dms. lb. .23 - —
USP, 650-lb. dms. lb. .30 - —
100-lb. dms. lb. .32 - —
50-lb. dms. lb. .33 - —
Chloropicrin, coml, 100-lb. cyls., works. lb. .85 - —
5-lb. cycls., same basis. lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works. lb. .13 - —
smaller pkgs., works. lb. .17 - —
solut., 8%, cs., bbls. lb. .06 - .08
Cake, bulk, c.l., works. ton. 15.00 - 16.00
Green (see Green, chrome).
Oxide (see Green, chrome oxide).
Chrome, sulphate, pearls, dms., 100 lbs. lb. .40 - —
powd., dms., 100 lbs. lb. .45 - —
scales, dms., 100 lbs. lb. .45 - —
Trioxide (see Acid, chromic).
Yellow (see Yellow, chrome).
Chrysarobin, cns. lb. 3.25 - 3.30
Cinchona bark, chips, bgs. lb. .18 - .19
high test, bgs. lb. .37 - .38
quills, broken, bgs. lb. .17 - .18
long, cs. lb. .45 - .50
short, bgs. lb. .40 - .45
Ecuador, tubes. lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs. oz. .83 - —
large, cns. 100 ozs. .87 - —
powd., cns. 100 ozs. oz. .80 - —
Sulphate, N.F., cns. 100 ozs. oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs. oz. .54 - —
large, cns. 100 ozs. oz. .58 - —
powd., cns. 100 ozs. oz. .50 - —
Sulphate, N.F., cns. 100 ozs. oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb. lb. 3.27 - —
dms., 100 lbs. lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.c.c., cbys. lb. .85 - .90
Cinnamon, Ceylon, 2, bls. lb. .15½- .16
3, bls. lb. .15¼- .15¾
Citral, bots., cns. lb. 1.40 - 3.10
Citrine, ointment, jars, tubes. lb. .75 - —
Citronellal, bots., dms. lb. .75 - .80
Citronellol, bots., dms. lb. 1.75 - 1.80
Clove, Madagascar, bls. lb. .15¼- .15½
Zanzibar, bls. lb. .16½ Nom.
Clover tops, bgs. lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works. bbl. 7.50 - 7.75
l.c.l., works. bbl. 8.25 - 8.50
tanks, works. gal. .07½- .09
refd., bbls., c.l., works. bbl. 8.00 - 8.25
l.c.l., works. bbl. 8.75 - 9.00
tanks, works. gal. .08½- .10
water-gas, crude, dms., c.l., works. dm. 7.50 - —
l.c.l., works. dm. 8.25 - —
refd., dms., c.l., works. dm. 8.00 - —
l.c.l., works. dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .65 - .67
Carbonate, tech., bbls., dlvd. lb. 1.62 - —
Chloride, dms., works. lb. 1.03 - 1.18
Hydrate, bbls. lb. 1.75 - —
Linoleate, paste, 6%, dms. lb. .31 - —
solid, 8½%, bbls. lb. .33 - —
Oleate, bbls. lb. .25 Nom.
Oxide, black, kgs. lb. 1.67 - —
Resinate, fused, A, bbls. lb. .13¼- —
1%, bbls. lb. .13 - —
2%, bbls. lb. .14 - —
3½%, bbls. lb. .17½- —
precip., dms., dlvd. lb. .34 - —
Sulphate, dms. lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns. oz. 9.75 - —
Cochineal, gray, bgs. lb. .35 - .38
Teneriffe, silver, bgs. lb. .36 - .39
Cocillana bark, bgs. lb. .15 - .16
Cocoa butter, lump, bgs., c.l. lb. .12¼ - .12¾
Codeine, cns., 100 ozs. oz. 11.70 - —
Hydrochloride, cns., 100 ozs. oz. 10.50 - —
Phosphate, cns., 100 ozs. oz. 9.00 - —
Sulphate, cns., 100 ozs. oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls. lb. .08 - .09
Blue, root, bls. lb. .07 - .07½
Colchicine, bots., 4 ozs. oz. 20.00 - —
single ozs. oz. 21.00 - —
Colchicum seed, bgs. lb. .25 - .27
Collodion, USP, dms., 325 lbs. lb. .12½- —
cns., 25 lbs. lb. .16 - —
Flexible, USP, dms., 325 lbs. lb. .14½- —
cns., 25 lbs. lb. .18 - —
Colocynth pulp, bls. lb. .25 - .29
Colombo root, bls. lb. .09 - .10
Coltsfoot leaves, bgs. lb. .08 - .09
Condurango bark, bgs. lb. .08 - .09
Conium leaves, bls. lb. .17 - .18
Copaiba balsam, Para, cns. lb. .24 - .25
S.A., USP, cns. lb. .26 - .27
Copper acetate, normal, bbls., dlvd. lb. .21 - —
smaller containers, dlvd. lb. .23 - —
Carbonate, 52-54%, bbls. lb. .14 - .15
20%, bbls. lb. .10½- .11½
Chloride, cryst., bbls. lb. .12¼ - .13½
Cyanide, tech., bbls. lb. .34 - —
Iodide, bots. lb. 4.97 - 5.02
Metal, electrolytic lb. .10¼- —
Nitrate, cryst., bbls. lb. .16 20- .17
Oleate, precip., bbls. lb. .20 - —
Oxide, black, bbls., tons, works. lb. .15 - .15½
smaller lots, works. lb. .16 - —
red, com'l, 50-75%, kgs., f.o.b. N.Y. lb. .15½- .16½
Resinate, precip., bbls. lb. .15 - .16
Stearate, precip., bbls. lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works. ton. 16.00 - —
bbls., c.l., works. ton. 18.00 - —
l.c.l., 25 or over, works. 100 lbs. 1.35 - —
5-24, works. 100 lbs. 1.50 - —
1-4, works. 100 lbs. 2.00 - —
bulk, c.l., works. ton. 13.00 - —
Copra, Coast, shipt. lb. .0185 Nom.
Coriander seed, Morocco, bgs. lb. .04½- .05
bleached, bgs. lb. .07¾- .08
Corn sugar, tanners, bbls., c.l., dlvd. 100 lbs. 3.00 - —
ex whse. 100 lbs. 3.10 - —
Syrup, 42°, bbls., c.l. 100 lbs. 2.94 - —
43°, bbls., c.l. 100 lbs. 2.99 - —
Cornsilk, bls. lb. .06 - .07
Corrosive sublimate, cryst., dms., 50 lbs., or more. lb. 1.13 - —
gran., powd., dms., 50 lbs. or more. lb. .92 - —
Cottonroot bark, bls. lb. .11 - .12
Cottonseed hull ash, 30-32% pot-ash, bgs., dlvd. unit-ton. 1.10 - —
Coumarin, 5 lbs., or more, 25-lb. cns. lb. 2.75 - 3.00
5-lb. cns. lb. 2.85 - 3.10
1-lb. cns. lb. 3.00 - 3.25
1-oz. cns. lb. 3.35 - 3.60
less than 5 lbs., cns. lb. 4.15 - 4.65
Cramp, bark, genuine, bls. lb. .20 - .22
so-called, bls. lb. .07 - .08
Cranesbill root, bls. lb. .14 - .15
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .22¾- —
smaller lots, bbls. .23¼- —
kgs. lb. .23¾- —
Creosote, beechwood, bots. lb. .70 - .75
Hardwood, USP, bots. lb. .45 - .47
Pine, dms. gal. .28 - —
Carbonate, bots., cbys. lb. 1.40 - 1.75
Oil, crude, tanks, works. gal. .13½- .14½
Coaltar solution, tanks, works. gal. .122 - .132
refd., bbls., l.c.l., works, gal. .25 - —
tanks, works. gal. .18 - .18½
Cresol, USP, dms., c.l., works. lb. .10½- —
l.c.l., same basis. lb. .11 - —
special resin grade, dms., c.l., works. lb. .09¼- —
l.c.l., same basis. lb. .09¾- —
Crotonaldehyde, 97%, 55 and 110 gal. dms., dlvd. lb. .22 - —
5 and 10 gal. dms., dlvd. lb. .25 - —
Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more. lb. .25 - .26
2,000 lbs. to 10,000 lbs. lb. .26 - .27
1,000 lbs. to 2,000 lbs. lb. .27 - .28
200 lbs. to 1,000 lbs. lb. .29 - .30
4% rotenone prices are 4c. per lb. less.
Cube root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs. lb. .27 - .28
powd., cs. lb. .30 - .31
Culver's root, bls. lb. .16 - .17
Cumin seed, Algerian, bgs. lb. .09½- .10
Morocco, bgs. lb. No stocks.
Cutch, Philippine, extract, solid bags. lb. .04¾- .04½
Cyanamid, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit. lb. 1.15 - —
Cyanide-chloride, mixture, 45%, gran., dms. lb. .10¾- —
lump, dms. lb. .09¾- —
75%, gran., dms. lb. .15 - —
75%, gran., dms. lb. .15 - —

D

Damiana leaves, bls. lb. .14 - .15
Dandelion root, German, bls. lb. .13 - .14
Deertongue leaves, bls. lb. .10 - .11
Degras, common, dom., bbls. lb. .07¾- .08¼
English, bbls. lb. .07¾- .08¼
neutral, dom., bbls. lb. .11 - .15
English, bbls. lb. .11 - .15
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equal'd., with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more. lb. .34 - .38
2,000 lbs., to 10,000 lbs. lb. .35 - .39
1,000 lbs. to 2,000 lbs. lb. .36 - .40
200 lbs. to 1,000 lbs. lb. .38 - .42
4% rotenone prices are 6c. per lb. less
Derris root, powd., contracts accepted for delivery only up to September 30, 1938. No protection against decline in price. Part deliveries against contract are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, resinate, 75% rotenone, cns. lb. 10.00 - 11.00
30% rotenone, cns. lb. 5.50 - 6.50
25% rotenone, bulk, cns. lb. 3.60 - 6.00
15% rotenone, bulk, cns. lb. 2.10 - 4.25
Devil's club, root bark. lb. 1.50 - —
Dextrin, British gum, c.l., f.o.b. Chicago. 100 lbs. 3.60 - —
l.c.l., f.o.b. Chicago. 100 lbs. 3.80 - —

VALVES *be* Seated!

TO good-natured Charlie Elstrodt, every chlorine cylinder valve is leaky until his own "personal" test proves it is tight. Because of Charlie's hard-boiled philosophy, because of the sureness of the compressed air test, mighty few leaky valve seats have gotten by Charlie's inspection in his sixteen years at Mathieson's Niagara Falls plant.

Charlie's job is one of about nineteen different steps in the cleaning, reconditioning and inspection routine through which Mathieson Chlorine cylinders and valves must pass before they are shipped. And in each of these operations it is men like Charlie Elstrodt, men who keep their eyes "glued on the ball", who give Mathieson's cylinder routine the backbone which makes it valuable to you.

Mathieson engineers produce chlorine of a purity second to none; and Mathieson workmen see that you get this pure product in clean, smooth-functioning containers. Couple with this Mathieson's unusual traffic and delivery facilities and their expert technical service and you see why this company presents a chlorine team that is hard to beat.

The MATHIESON ALKALI WORKS (Inc.)
60 East 42nd Street New York, N. Y.

MATHIESON CHEMICALS

SODA ASH . . . CAUSTIC SODA . . . BICARBONATE OF SODA . . . LIQUID CHLORINE . . . BLEACHING POWDER
HTH AND HTH-15 . . . AMMONIA, ANHYDROUS AND AQUA . . . PH-PLUS (FUSED ALKALI) . . . SULPHUR CHLORIDE
CCH (INDUSTRIAL HYPOCHLORITE) . . . DRY ICE (CARBON DIOXIDE ICE) . . . ANALYTICAL SODIUM CHLORITE

Dextrin, corn, canary, bgs., c.l., f.o.b., Chicago..100 lbs. 3.35 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.55 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.50 - —
Potato, import, bgs.....lb. .07¼- .08
Diacetone (see under Alcohol).
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works, lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.46.00 -150.00
import, bgs., c.l., c.l.f.....ton.30.00 - —
Dibutylamine, dms., l.c.l., works, lb. .55 - —
Dibutyl phthalate, dms., c.l., dlvd..lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Tartrate, dom., dms.....lb. .45 - .64
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .24 - —
l.c.l., works.....lb. .25 - —
tanks, works.....lb. .23 - —
Diethyl carbonate, comi., dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l., frt. alld. lb. .19 - —
l.c.l.....lb. .19½- —
tanks.....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks.....lb. .12 - —
Diethylanilin, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .16 - —
l.c.l., works.....lb. .17 - —
Monobutylether, dms., works..lb. .23 - .24
Diethylene glycol monoethylether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Digitalis, leaves, dms.....lb. .40 - .42
Diglycol laurate.....lb. .22 - —
Diglycol oleate, light, bbls.....lb. .20 - —
Diglycol stearate.....lb. .24 - —
Di-isobutyl ketone, dms., works, lb. .19 - —
Dillseed, recleaned, bgs.....lb. .09 - .09½
Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd.....lb. .19 - —
Dimethylamine, dms., c.l., dlvd. lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
tanks, dlvd.....lb. .17½- —
Dimethylanilin, dms., c.l.....lb. .26 - —
l.c.l., dms.....lb. .27 - —
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls, 89° min., lb. .18 - —
Dinitrochlorobenzene, bbls.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidine, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks.....gal. .41 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Disodium phosphate (see Soda phosphate, dibasic).
Divi-divi extract, bbls.....lb. .05¾- .06¾
Doggrass root, cut, bls.....lb. .11 - .12
Dogwood, bark, Jamaica, bls., lb. .06 - .07
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .85
reeds, thin, cs.....lb. .80 - .85
Duboisine sulphate, vls.....oz.34.50 -35.00

Dyes, coaltar, for coloring foods (certified colors) (numbers are those of Colour Index scale):—

Blue:—
Brilliant blue FCF, cans..lb.13.50- —
1180 Sodium indigo disulphonate, cns..lb.13.50- —
Green:—
Fastgreen FCF, cns.....lb.27.50- —
666 Guinea green B., cns. lb.13.50- —
670 Light green SF, yellowish. cns..lb.17.50- —
Red:—
184 Amaranth, cns.....lb. 3.15- —
773 Erythrosin, cns.....lb.17.50- —
80 Ponceau 3R, cns.....lb. 6.00- —
Ponceau SX, cns.....lb. 5.75- —
Orange:—
150 Orange I, cns.....lb. 2.90- —
Yellow:—
10 Naphthol yellow S, cns..lb. 3.50- —
Sunset yellow FCF, cns.lb. 3.15- —
640 Tartrazin, cns.....lb. 3.15- —
22 Yellow AB, cns.....lb. 2.65- —
61 Yellow OB, cns.....lb. 2.65- —

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
56 Chrome yellow 2G.....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered..lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct cast scarlet.....lb. 2.00 - 2.25
304 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
397 Direct violet B.....lb. 1.00 - 1.30

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .80 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO.....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin.....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50
1177 Indigo, 20 p. c. paste..lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80

Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives..lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown.....lb. 1.15 - —

Dyes, coaltar, for stains (numbers are those of Coaltar Index scale):—
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green.....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
76 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenezene yellow..lb. .90 - —
17 Amidoazotoluene yellow, lb. .75 - —
61 Yellow OB.....lb. 1.40 - —

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or ware house).
Black:—
864 Nigrosin.....lb. .40 - —
Blue:—
729 Victoria blue.....lb. 2.55 - —
960 Indulin.....lb. .70 - —
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
655 Auramine.....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet.....lb. .70 - —

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin.....lb. .36 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin.....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R lb. .66 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin.....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green. lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Water-soluble:—

DIBUTYL SEBACATE

A NEW CHEMICAL PLASTICIZER
NOW COMMERCIALLY AVAILABLE

Physical Properties

Color.....Water white
Specific Gravity Approx. 0.94 at 25° C.
Boiling point 344°-345° C. at 760 mm.
Purity. Over 99% ester by weight
Flash point.....353° F.

Compatible with: Vinyl resins, Phenolic resins, Acrylic resins, Nitrocellulose. Other cellulose derivatives. Chlorinated rubber.

Miscible in all proportions with most common organic solvents.

Characteristics

Water white color
Non-yellowing
Tasteless; no residual odor
Low volatility, insuring permanence in films
Maintains plasticizing action over wide temperature range; particularly effective at low temperatures
Wide range of compatibility
Excellent electrical properties

Suggested for use as

Plasticizer for vinyl and acrylic finishes and plastics and for nitrocellulose, cellulose aceto-butyrate and other cellulose derivates.

A testing sample will be supplied, on request, by the manufacturer:

THE RESINOUS PRODUCTS & CHEMICAL CO., Inc.
222 West Washington Square, Philadelphia, Pa.

PRODUCERS OF

AMBEROL—*phenol-formaldehyde-type resins for finishes*
DURAPLEX—*alkyd resins for finishes*
AQUAPLEX—*emulsified alkyd resin for finishes*
PARAPLEX—*resin plasticizers*
UFORMITE—*urea-formaldehyde resins for finishes, laminated panels, plywood, etc.*
OILSOLATES—*synthetic organic driers*
TEGO—*resin film adhesive for plywood*
ACRYLOID—*Acrylic ester resins for finishes*

Dyes—Gum, Ester

Dyes, coaltar, for stains (Numbers are those of Colour Index Scale):—

Red:—
- 31 Amidonaphthol red G. lb. .42 - —
- 37 Amidonaphthol red 6B. lb. .68 - —
- 79 Popceau R.....lb. .48 - —
- 88 Fast red B.....lb. 1.05 - —
- 176 Fast red A.....lb. .54 - —
- 179 Azorubin .....lb. .52 - —
- 183 Crocein scarlet 3BX.lb. .60 - —
- 185 Cochineal red A....lb. .60 - —

Water-soluble:—
Red:—
- 252 Brilliant crocein M..lb. .68 - —
- 077 Fuchain .....lb. 2.10 - —
- 749 Rhodamine B.....lb. 3.50 - —
- 752 Rhodamine 6G.....lb. 4.50 - —
- 768 Eosin G.....lb. 1.50 - —
- 841 Safranin .....lb. 1.45 - —

Water-soluble:—
Violet:—
- 680 Methyl violet B.....lb. .75 - —
- 681 Crystal violet C.....lb. 1.75 - —
- 695 Acid violet 4BN....lb. .88 - —

Yellow:—
- 10 Naphthol yellow S..lb. .88 - —
- 138 Metanil yellow.....lb. .53 - —
- 636 Fast light yellow...lb. 1.25 - —
- 639 Xylene light yellow.lb. 1.15 - —
- 640 Tartarzin .....lb. .80 - —
- 655 Auramine .....lb. 1.27 - —

Dyes, natural (see name of article).

E

- Echinacea root, bls.....lb. .20 - .21
- Egg albumen (see Albumen).
  - yolk, bbls.....lb. .66 - .68
- Elder flowers, bright, bls.....lb. .21 - .23
- Elecampane root, bls.....lb. .10 - .11
- Elm bark, grinding, bls.....lb. .10 - .11
  - powd., bbls., bxs.....lb. 20 21
  - select, bndls.....lb. .25 - .26
- Emetine hydrochloride, bots..oz.13.50 -14.00
- Ephedra, bls.....lb. .22 - .23
- Ephedrine, tins, 1,000 ozs....oz. 2.50 - —
  - tins, 100 ozs.....oz. 2.65 - —
- Hydrochloride, tins, 1,000 ozs. oz. 1.75 - —
  - tins, 100 ozs.....lb. 1.90 - —
- Sulphate, cryst., 1,000 ozs...oz. 1.75 - —
  - tins, 100 ozs.....lb. 1.90 - —
- Epsom salt, tech., bgs....100 lbs. 1.85 -
  - bbls.....100 lbs. 1.90 -
  - USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 -
  - l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
  - smaller lots.....lb. 2.50 - —
  - bbls., c.l.....lb. 2.10 - —
  - l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - —
  - smaller lots.....lb. 2.60 - —
  - kgs., c.l.....lb. 2.35 - —
  - l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
  - smaller lots.....lb. 2.85 - —
  - dried, dom., bgs., l.c.l....lb. .08 - .10
- Ergot, USP, cs., dms.....lb. 1.65 - 1.70
- Eserine, bots.....oz.42.00 - —
  - Salicylate, bots.....oz.33.00 -34.00
  - Sulphate, bots.....oz.30.00 - —
- Ether, acetic (see Ethyl acetate)
  - Butyl, dms., l.c.l., dlvd....lb. .30 - —
  - Ethyl (see Ether, sulphuric).
  - Nitrous, conc., bots., 100 lbs., lb. .08 - —
  - Sulphuric, conc., dms., 120 lbs., lb. .09 - —
  - cns., 27 lbs.....lb. .14 - —
  - synth., dms., c.l., works..lb. .08 - —
  - l.c.l., works.....lb. .09 - —
- Ether, USP, anesthesia, dms., 27 lbs..lb. .26 - —
  - USP, 1880, dms.....lb. .39 - .40
  - washed, dms.....lb. .37 - .38
- Ethyl acetate, 85 p.c., dms., c.l., frt. alld..lb. .06½ - —
  - l.c.l., frt. alld.....lb. .07 - —
  - tanks, frt. alld.....lb. .05½ - —
  - 99 p.c., dms., c.l., frt. alld., lb. .07¼ - —
  - l.c.l., frt. alld.....lb. .07¾ - —
  - tanks, frt. alld.....lb. .06¼ - —
  - N. F., VI, 99%, dms., 400 lbs. lb. .08½ - —
  - cns., 35 lbs.....lb. .13½ - —
  - USP, VIII, 90%, dms., 400 lbs..lb. .07½ - —
  - cns., 35 lbs.....lb. .12¼ - —
- Acetoacetate, dms., c.l., works, lb. .27½ - —
  - l.c.l., dms., works.....lb. .28 - —
- Bromide, tech., dms.....lb. .50 - .55
- Caproate, cns.....lb. 1.00 - —
- Chloride, dms.....lb. .18 - .20
- Cinnamate, cns.....lb. 3.20 - 4.00
- Crotonate, 55 and 110 gal. dms., dlvd..lb. .33 - —
  - 5 and 10 gal. dms., dlvd....lb. .36 - —
- Formate, cns., dms.....lb. .23 - .24
- Iodide, bots.....lb. 5.01 - —
- Lactate, 55-gal. dms., works..lb. .33½ - —
  - 5-gal. dms., works.....lb. .37½ - —
- Oxalate, dms., frt. alld.....lb. .25 - —
- Silicate, l.c.l., dms., works..lb. .77 - —
- Ethylcellulose, bgs., 500 lbs. or more, frt. alld..lb. .6440- —
  - 100 lbs., frt. alld.....lb. .6930- —
  - smaller lots, works.....lb. .7425- —
- Ethylene bromide, dms.....lb. .65 - .70
- Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0545- .05½
  - West of Rockies, same basis..lb. .0595- .06
  - l.c.l., works, E. of Rockies, frt. alld..lb. .0644- .06¼
  - West of Rockies, same basis..lb. .0694- .07
- Ethyleneglycol, dms., c.l.....lb. .16 - —
  - l.c.l.....lb. .17 - .20
  - tanks.....lb. .15 - —
- Monobutylether, dms., c.l., works..lb. .18 - —
  - l.c.l., works.....lb. .19 - .22
  - tanks, works.....lb. .17 - —
- Monoethylether, dms., c.l., works..lb. .15 - —
  - l.c.l., works.....lb. .16 - —
  - tanks, works.....lb. .14 - —
- Monoethylether, acetate, dms., c.l., works..lb. .13 - —
  - l.c.l., dms.....lb. .14 - —
  - tanks, works.....lb. .12 - —
- Monoethylether, dms., c.l., works..lb. .17 - —
  - l.c.l., works.....lb. .18 - —
  - tanks, works.....lb. .16 - —
- Ethylidinanilin, dms.....lb. .45 - .47½
- Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .06½ - —
  - l.c.l., same terms.....lb. .07 - —
  - tanks, same terms.....lb. .05½ - —
- Ethylorthoparatoluenesulphonamide, bbls..lb. .60 - —
- Eucalyptol, cns., dms.....lb. .55 - .57
- Eucalyptus leaves, bls.....lb. .08 - .09
  - bbls..lb. .55 - —
- Ethylparatoluenesulphonamide, Eugenol, bgs., cns.....lb. 1.90 - 2.15
- Euphorbia, bls.....lb. .05 - .06

F

- Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
  - glass, 20 mesh, bulk, works.ton. 9.75 -13.25
  - pottery, bulk, Me. works...ton.17.00 -19.00
  - N.C. works.....ton.17.00 -19.00
- Fennel seed, French type, bgs., lb. .08 - .08½
  - Indian, bags.....lb. .07½- .07¾
  - German large, bgs.....lb. .18 - .19
  - small, bgs.....lb. .13 - .14
- Fenugreek seed, bgs.....lb. .03¾- .04¼
- Ferric sulphate, dms., works.ton.35.00 -40.00
- Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .12½- —
  - smaller lots, works...lb. .13 - —
  - light, cs., 1,000 lbs. or over, works..lb. .13½- —
  - smaller lots, works.....lb. .14 - —
  - water white, cs., 1,000 lbs., or over, works..lb. .14½- —
  - smaller lots, works...lb. .15 - —
- Fir balsam, Canada, cns.....gal.12.75 -13.00
  - Oregon, bbls.....gal. 1.10 - 1.15
- Fish berries, bgs.....lb. .08 - .09
- Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 3.50 & .10 Nom.
  - grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.48.00 - —
  - wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts..unit-ton. 2.75 & .50
- Sardine, meal, Japanese, 11½% ammon., bgs., c.i.f. ports, shipt..ton.43.50 - —
- Flake, white, bbls., kgs.....lb. .10¼- —
- Flaxseed, French, black, bgs..lb. .13 - .14
  - Indian, blonde, bgs.....lb. .08 - .08½
- Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, ton.31.50 - —
- Washed gravel, 85-5, f.o.b. Ill.-Ky. mines..ton.19.00 -20.00
- No. 2, lump, 85.5 f.o.b. Ky. and Ill. mines..ton.20.00 -21.00
- imported, 85% not over 5% duty paid..ton.23.50 -24.00
- Formaldehyde, bbls., c.l., works, lb. .05¾- —
  - l.c.l., works.....lb. .06¼- —
  - dms., c.l., works.....lb. .05¼- —
  - l.c.l., works.....lb. .05¾- —
  - tanks, works.....lb. .04½- —
- Fringetree bark, bls.....lb. .14 - .15
- Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
  - import, bgs., c.l., ex dock..ton.23.00 - —
  - l.c.l., ex whse.....ton.30.00 - —
- Furfural, refd., c.l., works, lb. .15 - —
  - l.c.l., works.....lb. .17½- .25
- tech., dms., contracts, 150,000 lbs..lb. .10 - —
  - c.l., works.....lb. .12½- —
  - l.c.l., works.....lb. .15 - .20
  - tanks, works.....lb. .09 - —
- Fusel oil, refd., dms., incl., dlvd., lb. .12½- .14
- Fustic extract, cryst., bbls....lb. .22 - .26
  - liquid, bbls.....lb. .09½- .13
  - solid, dms.....lb. .17½- .19¼

G

- G salt, bbls.....lb. .45 - —
- Galangal root, bls.....lb. .09 - .10
- Gall extract, bbls.....lb. .19 - .20
- Gambier, common, cases.....lb. .06¾- .07
  - plantation, cases.....lb. .08¼- .09
  - Cubes, Singapore, cases....lb. .08½- .09
- Extract, bbls.....lb. .06½- .09½
- Gasoline at refinery:—
  - Bayonne, US motor, below 65 octane, tanks..gal. .06⅝- —
  - 65 octane and above, tanks, gal. .06¾- —
  - California, 54-58, tanks...gal. .06⅝- .08¼
  - Gulf Coast, U. S. Motor, bulk, gal. .04¾- .04⅝
  - 60-62, 390 e.p., bulk, export, gal. .04⅝- .04⅞
  - 60-62, 400 e.p., bulk, export, gal. .04⅝- .04⅞
  - 64-66, 375 e.p., bulk, export, gal. .04⅞- —
  - Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04¼- .04½
  - 63-66 octane, tanks....gal. .04½- .04⅝
  - 67-69 octane, tanks....gal. .04⅞- .05
  - 70-72 octane, tanks....gal. .05½- .05⅝
  - Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¼- .04¼
  - third grade, tanks..gal. .04½- .04¾
  - 63-68 octane, tanks....gal. .04 - —
  - 67-69 octane, tanks....gal. .04⅝- —
  - 70-72 octane, tanks....gal. .04⅞- .05⅛
  - natural, 12-lb. v. p., tanks, gal. .03¼- .03½
  - 14-lb. v.p., tanks.....gal. .03⅜- —
  - 18-lb. v.p., tanks.....gal. .02⅝- .02¾
  - 22-lb. v.p., tanks.....gal. .02¾- —
  - 26-7o lb., v.p., tanks..gal. .03 - —
  - Pennsylvania, US motor, below 60 octane tanks... gal. .05 - —
  - 65 octane, tanks.....gal. .06½- —
  - 52-56 450 e.p., naphtha, tanks..gal. .04⅝- .05
- Gelatin, silver, cs.....lb. .45 - .50
- Gelsemium root, bls.....lb. .11 - .12
- Gentian root, bls.....lb. .07 - .07½
  - grd., bbls., bxs.....lb. .09½- .10
  - powd., bbls., bxs.....lb. .10½- .11
- Geraniol, cns., dms.....lb. .67 - 3.00
- Geranyl acetate, bots., dms...lb. 1.20 - 2.50
- Ginger root, African, bgs.....lb. .06½- .06⅝
  - Cochin, lemon, bgs.....lb. .10½- .11
  - Jamaica, bold, bgs.....lb. .15 - .15½
  - grinding, bright, bgs...lb. .11 - .11½
  - medium, bold, bgs.....lb. .11⅝- .12
  - Japanese, bgs.....lb. .09 - .09½
- Ginseng fibers, cs.....lb. 1.75 - 3.00
  - Root, cultivated, cs.....lb.10.00 -11.00
  - wild, Southern, cs.....lb. 6.00 - 7.00
- Glauber's salt, anhyd. (see Soda sulphate).
  - cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
  - 5 tons or over, works... 100 lbs. 1.05 - 1.25
  - less than 5 tons, works.. 100 lbs. 1.15 - 1.35
  - import., bgs.....100 lbs. 1.05 - 1.35
- Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .13 - —
  - l.c.l., dlvd.....lb. .13½- —
  - 36/58, bgs., c.l., dlvd....lb. .13¾- —
  - l.c.l., dlvd.....lb. .14 - —
  - 58/82, bgs., c.l., dlvd....lb. .14½- —
  - l.c.l., dlvd.....lb. .15 - —
  - 82/108, bgs., c.l., dlvd....lb. .15 - —
  - l.c.l., dlvd.....lb. .15¼- —
- hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
  - l.c.l., same basis.....lb. .15½- —
- Glue, hide, calcimine type, 60/164, bgs., c.l., same basis, lb. .16½- —
  - l.c.l., same basis.....lb. .17 - —
  - 67/122, bgs., c.l., same basis..lb. .17½- —
  - l.c.l., same basis.....lb. .18 - —
  - 75/222, bgs., c.l., same basis, lb. .18½- —
  - l.c.l., same basis.....lb. .19½- —
  - 88/251,bgs.,c.l.,same basis.lb. .19½- —
  - l.c.l., same basis.....lb. .20½- —
  - 92/268,bgs.,c.l.,same basis.lb. .20½- —
  - l.c.l., same basis.....lb. .21½- —
  - 102/315, bgs., c.l., same basis lb. .21 - —
  - l.c.l., same basis.....lb. .22 - —
  - 113/347, bgs., c.l., same basis lb. .22 - —
  - l.c.l., same basis.....lb. .23 - —
  - 125/379, bgs., c.l., same basis lb. .23 - —
  - l.c.l., same basis.....lb. .24 - —
- Glue prices for barrel packing, ½c. lb. higher, grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
- Glycerin, C.P., cns., l.c.l.....lb. .16¼- .16¾
  - dms., c.l., dlvd.....lb. .14¼- —
  - l.c.l., dlvd.....lb. .14¾- —
  - tanks, dlvd.....lb. .14 - —
- dynamite, dms.....lb. Nominal.
- high gravity, dms., c.l., dlvd..lb. .13¾- —
  - l.c.l., dlvd.....lb. .14¼- —
  - tanks, dlvd.....lb. .13½- —
- saponification, basis 88%, dms., returnable, dlvd..lb. .09½- .09¾
- soapIye, basis 80%, dms., returnable, dlvd..lb. .08½- .08¾
- Glycol boriborate, dms.....lb. .28 - —
- Phthalate, dms.....lb. .38 - —
- Stearate, dms.....lb. .25 - —
- Gold, U.S. purchase price....oz.35.00 - —
- Chloride, acid brown, bots..oz.20.75 -21.00
  - yellow, bots.....oz.18.75 -19.00
- Gold-soda chloride, photo., bots., oz.13.00 - —
- U.S.P. IX, bots.....oz.14.50 -14.75
- Gold of pleasure seed, bgs..lb. .12 - .12½
- Goldenseal root, bls.....lb. 2.95 - 3.10
  - powd., bxs.....lb. 3.15 - 3.25
- Grains of paradise, bgs.....lb. .23 - .23½
- Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
  - bbls., c.l., works.....lb. .06¼- —
  - l.c.l., works.....lb. .06½- —
  - powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
  - 65% graphitic carbon,, bbls., c.l., works..lb. .02¾- —
  - l.c.l., works.....lb. .03¼- —
  - 80% graphitic carbon, bgs., c.l., works..lb. .03½- —
  - bbls., c.l., works.....lb. .03¾- —
  - l.c.l., works.....lb. .04½- —
- Grease, house, trcs.....lb. .04¾- .05
  - White, trcs.....lb. .05¾- .06
  - Yellow, trcs.....lb. .04¾- .05
- Wool (see Adeps lanae and Degras).
- Green, chrome, C.P., dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
  - 6-10%, bbls., same basis.lb. .22 - —
  - 11-15%, bbls., same basis.lb. .23 - —
  - 16-20%, bbls., same basis.lb. .23½- —
  - 21-25%, bbls., same basis.lb. .24 - —
  - 26-30%, bbls., same basis.lb. .24½- —
  - 31-35%, bbls., same basis.lb. .25½- —
  - 36-40%, bbls., same basis.lb. .27 - —
  - 41-45%, bbls., same basis.lb. .28½- —
  - 46-50%, bbls., same basis.lb. .30 - —
  - over 50%, bbls., same basis lb. .31 - —

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

- reduced, C.P., color content up 5%, same basis..lb. .06 - —
  - 6-10%, bbls., same basis.lb. .06¾- —
  - 11-13%, bbls., same basis.lb. .07¼- —
  - 14-16%, bbls., same basis.lb. .07¼- —
  - 17-19%, bbls., same basis.lb. .07¾- —
  - 20-21%, bbls., same basis.lb. .08 - —
  - 22-23%, bbls., same basis.lb. .08¼- —
  - 24-25%, bbls., same basis.lb. .08½- —
  - 26-27%, bbls., same basis.lb. .08¾- —
  - 28-29%, bbls., same basis.lb. .09¼- —
  - 30-31%, bbls., same basis.lb. .10 - —
  - 32-33%, bbls., same basis.lb. .11¼- —
  - 34-35%, bbls., same basis.lb. .12¼- —
  - 36-40%, bbls., same basis.lb. .14¼- —
  - 41-45%, bbls., same basis.lb. .16¼ —
  - 46-50%, bbls., same basis.lb. .16¾- —
  - 51-55%, bbls., same basis.lb. .17¼- —
  - 56-60%, bbls., same basis.lb. .17¾- —
  - 61-65%, bbls., same basis.lb. .18¼- —
  - 66-70%, bbls., same basis.lb. .19¼- —
  - 71-75%, bbls., same basis.lb. .20¼- —
- oxide, dom., pure, bbls...lb. .22 - —
  - ceramic, light shades, bbls., c.l., works..lb. .28 - —
  - l.c.l., works .....lb. .30 - —
  - standard grade, bbls., works..lb. .21 - .22
- Tetrahydroxide, bbls.....lb. .85 - —
- Paris (see P).
- Tungstated, brilliant, kgs....lb. 3.50 - —
  - emerald, kgs.....lb. 2.35 - —
- Verdigris (see V).
- Green dyes are listed under Dyes.
- Grindelia robusta, bls.....lb. .08 - .09
- Guaiac resin, cs.....lb. .27 - .28
  - strained, cs.....lb. .90 - 1.00
- Wood, bls.....lb. .04 - .05
- Guaiacol, liq., djns.....lb. 1.55 - 1.70
- Carbonate, fib. dms., 25 lbs..lb. 2.40 - 2.74
- Guarana, powd., cs.....lb. 1.05 - 1.10
- Gum, aloe (see A).
  - Ammoniac, tears., cs.....lb. .85 - .90
  - Arabic, amber sorts, cleaned, bgs..lb. .09½- .09¾
  - white, sorts, 1, bgs.....lb. .23 - .24
  - 2, bgs.....lb. .21 - .22
  - white, powd., bbls.....lb. .12½- .14
- Asafetida (see A).
- Asphaltum (see A).
- Benzoin, Siam, cs.....lb. 1.40 - 1.60
  - Sumatra, cs.....lb. .23 - .25
- Camphor (see C).
- Chicle, prime, 33% moisture, bgs., ton lots..lb. .38 - .39
- Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .34¾- —
- Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.
- 2, cloudy, white, bgs., c.l., same basis..lb. .26¾- —
- 3, selected pale straw bold. bgs., c.l., same basis..lb. .18¼- —
- 4, pale bold straw, bgs., c.l. same basis..lb. .18¾- —
- Gum, copal, Congo, 5, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
- 6, pale amber bold, bgs., c.l., same basis..lb. .15¾- —
- 7, pale, straw bold, bgs., c.l., same basis..lb. .12¾- —
- 8, light amber bold, bgs., c.l., same basis..lb. .11¾- —
- 9, medium light amber, bold, bgs., c.l., same basis..lb. .09¾- —
- 10, rescraped hard amber bold, bgs., c.l., same basis, lb. .09¾- —
- 11, hard dark amber bold, bgs., c.l., same basis..lb. .07½- —
- 12, selected, bold sorts, bgs., c.l., same basis..lb. .06½- —
- 13, dark sorts bold, bgs., c.l., same basis..lb. .05¾- —
- 14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .17¾- —
- 15,ordinary ivory sorts, bgs., c.l., same basis..lb. .06¾- —
- 16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
- 17, pale, fingers, bgs., c.l., same basis..lb. .15¾- —
- 18, pale straw nubs, bgs., c.l., same basis..lb. .12¼- —
- 19, pale straw nubs, bgs., c.l., same basis..lb. .11¾ —
- 20, hard dark amber nubs, bgs., c.l., same basis..lb. .08¾- —
- 21, ordinary selected nubs, c.l., same basis..lb. .07¾- —
- 22, small mixed nubs, bgs., c.l., same basis..lb. .06¾- —
- 23, dark mixed nubs, bgs., c.l., same basis..lb. .06¾- —
- 24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¼- —
- 25, No. 2, natural ivory nubs, bgs., c.l., same basis, lb. .07 - —
- 26, pale, bold chips, bgs., c.l., same basis..lb. .06 - —
- 27, pale small chips, bgs., c.l., same basis..lb. .05¾- —
- 28, pale dust, bgs., c.l., same basis..lb. .04¾- —
- East India, Batu, bold scraped, bgs., c.l., same basis, lb. .05 - —
- unscraped, bgs., c.l., same basis..lb. .04 - —
- chips, bgs., c.l., same basis, lb. .03¾- —
- dust, bgs., c.l., same basis..lb. .03¼- —
- nubs and chips, bgs., c.l., same basis..lb. .03¾- —
- black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
- unscraped, bgs., c.l., same basis..lb. .05 - —
- nubs and chips, bgs., c.l., same basis..lb. .05 - —
- Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .12½- —
- chips, bgs., c.l., same basis..lb. .05¾- —
- dust., bgs., c.l., same basis..lb. .03¼- —
- nubs, bgs., c.l., same basis..lb. .08¾- —
- Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14½- —
- chips, bgs., c.l., same basis, lb. .05¾- —
- dust,bgs..c.l.,same basis.lb. .03¼- —
- nubs, bgs., c.l., same basis, lb. .10 - —
- Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .11¼- —
- light, bskts., c.l., same basis..lb. .13¾- —
- Loba A, bskts., c.l., same basis..lb. .11¼- —
- B, bskts.,c.l.,same basis.lb. .10¼- —
- C, bskts.,c.l.,same basis.lb. .09¾- —
- CNE, bskts., c.l., same basis..lb. .06¾- —
- D, bskts., c.l., same basis, lb. .09¾- —
- DK, bskts., c.l., same basis, lb. .06¾- —
- DU, bskts., c.l., same basis, lb. .08¾- —
- dust, bskts.,c.l., same basis, lb. .05½- —
- Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
- Singapore, dust., bskts., c.l., same basis..lb. .05½- —
- spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
- DBB, bskts., c.l., same basis..lb. .08 - —
- MA, bskts., c.l., same basis, lb. .06½- —
- MB, bskts., c.l., same basis, lb. .06 - —
- WS, bskts., c.l., same basis, lb. .08 - —
- Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .06¾- —
- chips, pale, bskts., c.l., same basis..lb. .08½- —
- small, bskts., c.l., same basis..lb. .07¼- —
- extra pale sorts, bskts., c.l., same basis..lb. .08¾- —
- nubs, bskts., c.l., same basis..lb. .10¾- —
- pale, scraped, bskts., c.l., same basis..lb. .11¾- —
- seeds and dust, bskts., c.l., same basis..lb. .05¾- —
- Pontianak, bold, genuine, bgs., same basis..lb. .15¼- —
- mixed, bgs., c.l., same basis..lb. .14 - —
- chips, bgs., c.l., same basis, lb. .08¾- —
- split, bgs., c.l., same basis, lb. .13¾- —
- nubs, bgs., c.l., same basis, lb. .11¾- —
- Dammar, Batavia, A, cs, c.l., same basis as copal..lb. .20¾- —
  - A/D, cs, c.l., same basis.lb. .16¼- —
  - A/E, cs., c.l., same basis.lb. .13½- —
  - B, cs., c.l., same basis..lb. .19¾- —
  - C, cs, c.l., same basis...lb. .15¾- —
  - D, cs., c.l., same basis..lb. .13¾- —
  - dust., cs., c.l., same basis.lb. .05¾- —
  - E, cs., c.l., same basis...lb. .07¾- —
  - F, cs., c.l., same basis...lb. .07¼- —
- Singapore 1, cs., c.l., same basis..lb. .15¼- —
  - 2, cs, c.l., same basis....lb. .10¾- —
  - 3, cs, c.l., same basis....lb. .05 - —
  - chips, cs., c.l., same basis.lb. .10¾- —
  - dust., cs., c.l., same basis. lb. .05 - —
  - seeds, cs., c.l., same basis. lb. .07¾- —
- Elemi, cns., c.l., same basis as copal..lb. .08¼- —
- Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del., and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs., lb. .06¼- .06½
  - less than 10,000 lbs., same basis..lb. .06½- .07

Gums, Ester, dms., dlvd., western N. Y., and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l. ..lb. .06¾- .07
l.c.l., same basis ..lb. .07 - .07½
dlvd., elsewhere, 75,000 lbs., contrs. or straight, c.l. lb. .07 - .07½
l.c.l., same basis ..lb. .07¼ - .07¾
Euphorbium, cs. ..lb. .22 - .23
Galbanum, cs. ..lb. .90 - .95
Gamboge, pipe, cs. ..lb. .60 - .65
powd., bbls. ..lb. .65 - .70
Ghatti, soluble, bgs. ..lb. .11 - .15
superior, bgs. ..lb. .09 - .11
Gum, guaiac (see Guaiac resin)
Karava, bbls., bxs., dms. ..lb. .14½- .23
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis ..lb. .38 - —
B1, cs., c.l., same basis ..lb. .28 - —
B2, cs., c.l., same basis ..lb. .24 - —
B3, cs., c.l., same basis ..lb. .18½- —
80% chips, cs., c.l., same basis ..lb. .12½- —
pale, XXX, cs., c.l., same basis ..lb. .61 - —
1, cs., c.l., same basis ..lb. .41 - —
2, cs., c.l., same basis ..lb. .24 - —
3, cs., c.l., same basis ..lb. .17½- —
Kino, tins ..lb. 2.50 - 2.75
Mastic, cs., c.l., same basis as copal ..lb. .55 - .56
Myrrh, USP, cs. ..lb. .35 - .36
Olibanum, siftings, bls. ..lb. .07½- .18
tears, cs. ..lb. .18 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks., c.l., same basis as copal ..lb. .25 - .26
Scammony, cs. ..lb. 1.10 - 1.15
Senegal, picked, bgs. ..lb. .25 - .27
sorts, bgs. ..lb. .09¼- .09¼
Talha, bgs. ..lb. .07½- .08
Thus, bbls. ..280 lbs. 14.00 -14.25
Tragacanth, Alleppo 1, cs. ..lb. 2.65 - 2.70
2, cs. ..lb. 2.35 - 2.40
3, cs. ..lb. 2.30 - 2.35
4, cs. ..lb. 2.25 - 2.30
5, cs. ..lb. 2.20 - 2.25
flake, bgs. ..lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal ..lb. .03½- —
powd., bgs., c.l., same basis ..lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald. ..ton. 21.15 - —
Medicine Lodge, Kans., frt. equald. ..ton. 17.00 - —
New Brighton, N. Y., frt. equald. ..ton. 27.15 - —
Southard, Okla., frt. equald. ..ton. 17.00 - —
Sweetwater, Tex., frt. equald. ..ton. 21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald. ..ton. 12.50 - —
Blue Rapids, Kans., frt. equald. ..ton. 12.50 - —
New Brighton, N. Y., frt. equald. ..ton. 15.70 - —
Brighton, N. Y., frt. equald. ..ton. 15.70 - —
Southard, Okla., frt. equald. ..ton. 12.50 - —
Sweetwater, Tex., frt. equald. ..ton. 12.50 - —
stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ..ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald. ..ton. 12.00 - —
import, bgs., ex dock ..ton. 27.50 - —

H

Heliotropin, cryst., cns. ..lb. 1.80 - 2.20
Hellebore, white, root, powd., bbls. lb. .12 - .18
Helonias root, bls. ..lb. .55 - .60
Hematine crystals, bbls. ..lb. .18 - .28
Hemlock bark extract, 25% tan, c.l., bbls., works ..lb. .03 - —
l.c.l., bbls., works ..lb. .03¼- —
tanks, works ..lb. .02⅝- —
Hempseed, Manchur, bgs. ..lb. .05¾- .06
Henbane leaves, bls. ..lb. .15 - .16
Henna leaves, bls. ..lb. .07½- .08
powd., bbls., bxs. ..lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3 ..gal. .11 - —
l.c.l., Group 3 ..gal. .16 - —
tanks, Group 3 ..gal. .08½- —
normal, 86-100°, dms., c.l., Group 3 ..gal. .11½- —
l.c.l., Group 3 ..gal. .17 - —
tanks, Group 3 ..gal. .09½- —
Hexalin, dms. ..lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3 ..gal. .12½- —
l.c.l., Group 3 ..gal. .17 - —
tanks, Group 3 ..gal. .10½- —
laboratory grade, dms., c.l., Group 3 ..gal. .14 - —
l.c.l., Group 3 ..gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C. ..lb. .35 - —
150 to 1,350 lbs. shipments, same basis ..lb. .36 - —
USP, dms., 500 lbs., or more, shipments, same basis, lb. .46 - —
100 to 400 lbs., shipments, same basis ..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts. ..lb. .13 - —
l.c.l., same terms ..lb. .13½- —
tanks, same terms ..lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs. ..oz. 13.00 - —
25 ozs. ..oz. 13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago ..unit-ton. 2.50 - —
Hops, N. F., bls. ..lb. .17 - .27
Horehound, bls. ..lb. .09 - .10
Hydrangea root, bls. ..lb. .09 - .10
Hydrastine, bots., 4 ozs. ..oz. 17.25 - —
cns., 16 ozs. ..oz. 17.00 - —
Hydrochloride, bots., 4 ozs. ..oz. 17.25 - —
cns., 16 oz. ..oz. 17.00 - —
Sulphate, bots., 4 ozs. ..oz. 19.25 - —
cns., 16 oz. ..oz. 19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works ..lb. .30 - —
fib. ctns., works ..lb. .40 - —
Hydrogen peroxide, USP, bbls. lb. .03¾- .04
100 vols., cbys., E. of Miss. R. lb. .20 - —
Hydroquinone, dealers, bbls., dms. ..lb. .90 - .94
Hydroxycitronellal, cns. ..lb. 2.00 - 2.50
Hyoscine hydrobromide, bots. ..oz. 18.00 -19.00
Hyoscyamine, bots. ..oz. 15.00 - —
Hydrobromide, bots. ..oz. 15.00 - —
Sulphate, bots. ..oz. 15.00 - —
Hypernic, liq., 51°, bbls. ..lb. .16 - .21
solid, bxs. ..lb. .18½- .20½

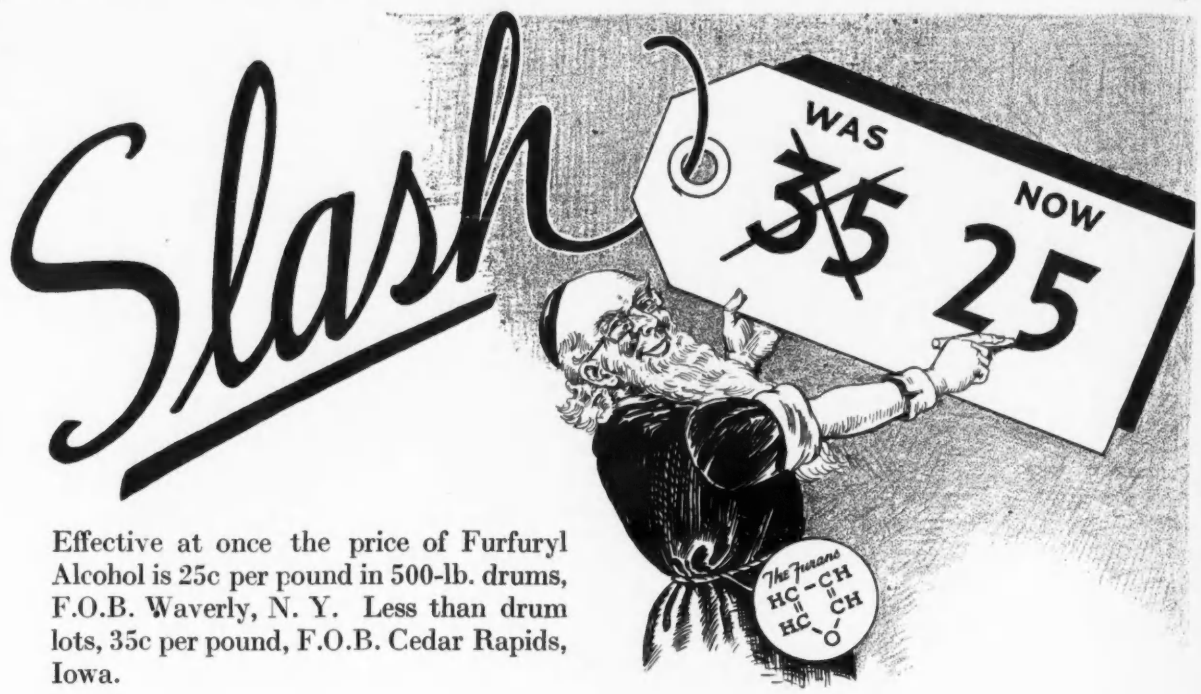
I

Iceland moss, bls. ..lb. .12 - .13
Ichthyol, bots. ..lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Madras, cs. ..lb. 1.63 - 1.67
synth., liq., bbls. ..lb. .16½- .19
powd., bbls. ..lb. .74½- .85
Indel. CP, bots. ..lb. 32.00 -34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs. ..lb. 1.30 - —
kgs., 150 lbs. ..lb. 1.07 - —
less 5%, kgs., 150 lbs. ..lb. 1.07 - —
resubl., bots., 5 lbs. ..lb. 1.85 - —
jars, 50 lbs. ..lb. 1.75 - —
tincture, USP, bbls., 47 gals., gal. 1.55 - —
cbys., 5 gals. ..gal. 1.60 - 1.65
mild, bbls., 47 gals. ..gal. .80 - —
cbys., 5 gals. ..gal. .85 - .90
Iodoform, dms., 100 lbs. ..lb. 3.95 - —
jars, 25 lbs. ..lb. 4.05 - —
Ionone, alpha, bots. ..lb. 2.50 - 2.55
alpha, extra, bots. ..lb. 4.00 - 4.05
alpha beta, bots. ..lb. 2.25 - 2.30
beta, bots. ..lb. 4.10 - 4.15
Ipecac root, bgs. ..lb. 1.10 - 1.15
powd., bxs. ..lb. 1.20 - 1.25
Irish moss, ordinary, bls. ..lb. .10 - .11
powd., 80-90 mesh, bbls. ..lb. .20 - .22
prime, bleached, bls. ..lb. .18 - .20
Iron acetate, N. F. IV, cbys., 100 lbs. ..lb. .15 - —
djns., 50 lbs. ..lb. .16 - —
liquor, bbls., c.l., dlvd. ..lb. .03 - —
l.c.l., dlvd. ..lb. .04 - —
Iron Chloride (ferric), tech., anhydr., 390-lb. dms., 100 lbs. 4.65 - 6.25
150-lb. dms ..100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equld. ..lb. .05 - .06
kegs, works, frt. alld. or equld. ..lb. .07½- .08
liquor, cbys., works, frt. alld. or equld. ..lb. .05 - .06
USP X, cryst., bbls. ..lb. .07½- —
kegs ..lb. .08½- —
USP solut., cbys., works, frt. alld. or equld. ..lb. .06½- .07
djns ..lb. .07½- —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns. ..lb. .84 - .87
scales, cns. ..lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots ..lb. 2.87 - —
smaller lots ..lb. 2.97 - —
cns., 25 lbs. ..lb. 3.09 - —
Hypophosphite, cns. ..lb. 1.55 - 1.60
Iodide, bots. ..lb. 2.99 - —
syrup, djns. ..lb. .37 - .38
bots ..lb. .52 - —
Nitrate, coml., kgs. ..lb. .02⅝- .08
Oxalate, powd., kgs. ..lb. .47 - —
cns. ..lb. .52 - —
scales, cns. ..lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs. ..lb. .54 - —
25 lbs. ..lb. .57 - —
scales, cns., 50 lbs. ..lb. .59 - —
25 lbs. ..lb. .62 - —
Ferrous, bbls., 200 lbs. ..lb. .35 - —
bxs., 25 lbs. ..lb. .40 - —
kgs., 100 lbs. ..lb. .37 - —
Pyrophosphate, pearls, cns. ..lb. .59 - .62
scales, cns. ..lb. .64 - .67
Reduced, 90%, cs. ..lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).

Iron, sulphate, U.S.P., cryst., bbls., 275 lbs. ..lb. .04½- —
dms., 100 lbs. ..lb. .06½- —
Iron-ammonia citrate, brown, gran., cns. ..lb. .37 - .40
pearls, cns. ..lb. .37 - .40
scales, cns. ..lb. .47 - .50
green, gran., cns. ..lb. .37 - .40
pearls, cns. ..lb. .37 - .40
scales, cns. ..lb. .47 - .50
Oxalate, bxs. ..lb. .30 - —
fib., dms. ..lb. .23½- —
kgs. ..lb. .25½- —
Iron-potash oxalate, bbls. ..lb. .42 - —
kgs. ..lb. .44 - —
jars ..lb. .48 - —
Iron-soda oxalate, bxs. ..lb. .30 - —
fib., dms. ..lb. .23½- —
kgs. ..lb. .25½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works ..lb. .43 - —
small lots, works ..lb. .50 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts. ..lb. .06½- —
l.c.l., same terms ..lb. .07 - —
tanks, same terms ..lb. .05½- —
Isopropyl alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R. ..lb. .07 - —
l.c.l. ..lb. .08 - —
tanks ..lb. .06 - —

J

Jaborandi leaves, bls. ..lb. .09 - .10
Jalap root, NF, bls. ..lb. .16 - .17
powd., bbls., bxs. ..lb. .20 - .21
Juniper berries, bgs. ..lb. .04 - .05



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Furfuryl ALCOHOL

It is our hope that this drastic reduction in the price will stimulate added interest in the development of new uses and in extending those already developed.

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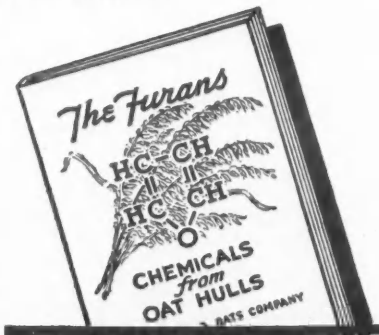

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Technical Division 3-9 Chicago, U. S. A.

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City ..... State .....

FURFURAL – FURFURYL ALCOHOL – HYDROFURAMIDE
... TETRAHYDROFURFURYL ALCOHOL ...

Kamala—Methyl Aceto.

K

Kamala, tins .....lb. .32 - .33
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .04¾- .05
Gulf ports, p.w., bulk, export, gal. .03¾- —
w.w., bulk..gal. .04 - —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04¾- .04½
Oklahoma-Texas, 41-43 w.w., tanks..gal. .04 - .04¾
42-44 w.w., tanks.....gal. .04¼- .04½
Pennsylvania, 45 w.w., tanks, gal. .04¾- —
46 w.w., tanks.....gal. .05 - —
47 w.w., tanks.....gal. .05½- —
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08 - —
Chicago .....gal. .10½- —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .100 - —
New Orleans.....gal. .13½- —
New York .....gal. .06¾- —
San Francisco .....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .07 - .08

L

Lady slipper root, bls.....lb. .55 - .60
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 8.50 - 8.75
Middlewestern, trcs....100 lbs. 8.60 - 8.70
Neutral, trcs.....100 lbs. 9.75 -10.00
Western, choice, trcs.....lbs. 8.60 - 8.70
Compound, trcs.....100 lbs.10.00 -10.25
Larkspur seed, bgs.....lb. .32 - .35
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital.. bls.....lb. .04½- .04½
Lavender flowers, ordinary, bls.lb. .35 - .40
select, bls. .....lb. .46 - .48
Lead acetate, white, broken, bbls..lb. .10 - —
cryst., bbls.....lb. .10 - —
gran., bbls.....lb. .10¾- —
powd., bbls.....lb. .10¾- —
Arsenate, bgs., dealers E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .12½- —
l.c.l., bgs., dealers, E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .12¾- —
Lead arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse pick ups.
Blue, basic sulphate, bbls., c.l., dlvd, E..lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd., E.....lb. .06¼- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.67 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .10 - .13
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07¾- —
other points.....lb. .07½- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08¾- —
Colo., Mont., N. Mex., Wyo..lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd Ala. etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
97%, Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc. lb. .08 - —
other points.....lb. .07¾- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
98%, Pb_3O_4, bbls., c.l., (20 tone), dlvd., Ala., etc..lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
smaller lots, dlvd. Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
in oil, 95% min., 100-lb. kgs., lb. .11¾- —
Resinate, fused, 16%, bbls...lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls. .....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .11 - —
l.c.l., 5 tons, one delvy, dlvd., lb. .11¼- —
smaller lots .....lb. .11½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07 - —
other points.....lb. .06¾- —
Lead, white, basic carbonate, bbls., l.c.l., dlvd., Ariz., etc.lb. .07¼- —
other points.....lb. .07 - —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06¼- —
other points .....lb. .06 - —
l.c.l., dlvd., Ariz., etc...lb. .06½- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., consumers, lb. .11¼- —
dealers .....lb. .09¼- —
painters .....lb. .10¼- —
Lecithin, 100%, cns., f.o.b., N. Y., or Chi....lb. 2.50 - —
edible, grade 1, dms., c.l., same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dms., c.l., same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis, lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms., c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l., same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l., same basis..lb. .37½- —
l.c.l., same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
l.c.l., same basis.....lb. .42½- .60

Lecithin prices quoted above are for goods packed in 25, 50, or 100-lb. dms. When goods are packed in 500-lb. dms. prices are 1c. per lb. less.

Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .24 - .35
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .16 - .17
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa...ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass. ....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn. ....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —
Marblehead, Ohio....ton. 7.50 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 8.00 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Oranda, Va.....ton. 7.00 - —
Ripplemead, Va. ....ton. 7.00 - —
Riverton, Va. .....ton. 7.00 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio....ton. 7.00 - —
York, Pa.....ton. 7.00 - —
hydrated, paper bgs., Bellefonte, Pa...ton. 8.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo, N. Y.....ton.10.00 - —
Carey, Ohio.....ton. 8.50 - —
Cedar Hollow, Pa...ton. 8.00 - —
Crab Orchard, Tenn.ton. 9.00 - —
Eagle Mountain, Va.ton. 9.00 - —
Farnams, Mass. ....ton. 9.50 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Le Roy, Minn.....ton.10.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Manistique, Mich....ton. 9.50 - —
Marblehead, Ohio....ton. 8.50 - —
Martinsburg, W. Va.ton. 8.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Oranda, Va.....ton. 8.50 - —
Pelham, Ala.....ton. 9.00 - —
Potoskey, Mich.....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va. ....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. .....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. .....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
York, Pa.....ton. 8.50 - —
spray, paper bags., f.o.b. Bellefonte, Pa..ton. 9.50 - —
Carey, Ohio.....ton.11.00 - —
Farnams, Mass.....ton.10.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Oranda, Va.....ton. 9.00 - —
Scioto, Ohio.....ton.10.00 - —
Woodville, Ohio.....ton.11.00 - —
York, Pa.....ton. 9.00 - —

Lime salts (see Calcium)

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, zone 1, dms., consumer, gal. .16 - —
Zone 2, tanks, dealers, wks., gal. .08½- —
30-50 dms.....gal. .11 - .15
Zone 3, tanks, dealers, dlvd., gal. .11½- —
30-50 dms.....gal. .14 - .18
Zone 4, tanks, dealers, wks., gal. .08 - —
dms., c.l. and l.c.l.....gal. .13 - .14
Zone 5, tanks, dealers, dlvd., gal. .10½- —
c.l. and l.c.l.....gal. .13 - .14
Zone 6, tanks, dealers.....gal. .07¼- —
30-50 dms.....gal. .09 - .13

Prices for lime sulphur solution are f.o.b. warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States. Zone 3: Ark., Ohio, Ind., Ill., Ia., Ky., Mich., Wis., Minn., Mo., and Tenn., west of Tenn. River; Penna., eastern tier, and W. Va., western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N. Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes, and Rockingham.

Linalool, cns.....lb. 2.10 - 6.30
Linalyl acetate, cns., 25 lbs...lb. 1.35 - 2.25
Linden flowers, with leaves, bls.lb. .25 - .27
without leaves, bls.....lb. .16 - .17
Linseed cake, bgs., export....ton.29.00 - —
Meal, 34%, dom., bgs.....ton.42.00 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .06¾- —
dlvd., other points....lb. .06½- —
5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.....lb. .07¼- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .07¾- —
Colo., Mont., N. Mex., Wyo..lb. .07¼- —
other points .....lb. .07 - —
smaller lots, dlvd., Ala., etc. lb. .07¾- —
Ariz., etc. .....lb. .08¼- —
Colo., etc. .....lb. .08 - —
other points .....lb. .07½- —
Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
50 lbs., works.....lb. 1.93 - —
25 lbs., works.....lb. 1.95 - —
Carbonate, 250-lb., bbls.....lb. 1.25 - —
100-lb. kgs.....lb. 1.30 - —
Chloride, 25-lb. jars.....lb. 1.65 - 1.70
Citrate, 250-lb. bbls.....lb. 1.40 - —
25-lb. dms.....lb. 1.45 - —
100-lb. kgs.....lb. 1.40 - —
Iodide, 5-lb. bots.....lb. 4.85 - —
25-lb. jars.....lb. 4.70 - —
Fluoride, bbls. .....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd., E. or ex whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis..lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Lithopone, dom., ordinary, bgs., 20 tons, same basis..lb. .04½- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .05¾- —
bbls., 20 tons, same basis, lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
Liverwort leaves bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .14
Seed, bgs. .....lb. .40 - .45
Logwood extract, cryst., bbls..lb. .18 - .24
liquid, 51°, bbls.....lb. .09½- .11⅛
solid, bxs. .....lb. .15 - .19
Lovage root, dom., bls.....lb. .55 - .65
import, bls. .....lb. .35 - .37
Lupulin, N.E., tins.....lb. 1.15 - 1.50
Lycopodium, cs. .....lb. 1.05 - 1.10

M

Mace, Banda, cs.....lb. .51 - .52
Batavia, cs. .....lb. .39 - .40
Siauw, 1, cs.....lb. .46 - .47
Madder, Dutch, bbls.....lb. .22 - .25
Magnesia arsenate, cyl.....lb. .18 - .20
Calcined, tech., USP, bbls., works..lb. .20 - —
Magnesia, carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l.....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l.....lb. .08¾- —
l.c.l. .....lb. .09½- —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l.....lb. .09¾- —
l.c.l. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. Zone 2, balance of U. S. C.l., shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts, frt. alld. including dlvd. store-door. Magnesia prices are f.o.b., Plymouth meeting house.

Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs. .....lb. 1.50 - —
Oxide (see Calcined).
Palmitate, bbls. .....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.35
Silicate (see Talc).
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs. .....lb. .23 - —
smaller lots .....lb. .24 - —
Sulphate (see Epsom salt).
Magnesite, cal., dom., bgs....ton.56.00 -60.00
import, bbls.....ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
dms., 25 lbs.....lb. .30 - —
kgs., 100 lbs.....lb. .26 - —
Trisilicate, cs., 500-lb. lots..lb. .53 - —
100-lb. lots .....lb. .55 - —
cns., ...lb. .75 - .80
Malva flowers, black, bls.....lb. .45 - .47
blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .12
Manaca root, bls. .....lb. .20 - .21
Mandrake root, bls.....lb. .10½- .11
Manganese acetate, dms.....lb. .26½- —
Arsenate, bgs. .....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Carbonate, bbls. .....lb. .19 - —
Chloride, bbls. .....lb. .07½- .07¾
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.59.00 - —
l.c.l., 5 tons, works...ton.62.00 - —
smaller lots, works..ton.67.00 - —
burlap bgs., c.l., works.ton.57.00 - —
l.c.l., 5 tons, works..ton.60.00 - —
smaller lots, works.ton.65.00 - —
paper bgs., c.l., works.ton.55.00 - —
l.c.l., 5 tons, works..ton.58.00 - —
84-87% bgs., 28-40 tons, wks. ton.57.00 - —
5-15 tons, wks.....ton.60.00 - —
½-4 tons, wks.....ton.65.00 - —
300-600 lbs., wks....ton.75.00 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots ....lb. 2.01 - —
smaller lots .....lb. 2.71 - —
cns., 25 lbs. .....lb. 2.83 - —
solut., djns., 1,000-lb. lots, lb. .61 - —
smaller lots .....lb. .71 - —
cns., 25 lbs. .....lb. .81 - —
Hydrate, bbls., dlvd.....lb. .82 - —
Iodide, bots., 5 lbs.....lb. 5.45 - —
jars, 25 lbs. .....lb. 5.30 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52% basis, bbls., c.l., Atl. ports..unit-ton.45.00 -47.00
Resinate, fused, 3½%, bbls..lb. .08¼- .08¼
precip., dms. .....lb. .12 - —
Manganese sulphate, anhyd., bbls., works..lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
l.c.l., bgs. .....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory, unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .08¼- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton.24.00 - —
Manna flake, large, cs.....lb. .45 - .46
small, cs.....lb. .21 - .22
Mannitol, reagent, pure cryst., cs., works..lb. 1.30 - —
commercial, cryst., bbl., ton lots..lb. .55 - —
smaller lots.....lb. .70 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....ton. .16 - .16¼
Tunisan, bls.....lb. .15½- .16
Matico leaves, bls.....lb. .23 - .24
Menthol, USP, natural, cs.....lb. 3.20 - 3.30
synthetic, tech., cs.....lb. 2.25 - —
USP, cs. .....lb. 3.00 - —
liquid, dms., 50 lbs.....lb. 1.25 - —
Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
25-lb. lots .....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs. .....lb. .77 - —
25 lbs. .....lb. .79 - —
50%, pails, 50 lbs.....lb. 1.11 - —
25 lbs. .....lb. 1.13 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs.....lb. 1.81 - —
fib., dms. 100 lbs.....lb. 1.68 - —
jars, 25 lbs .....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red *N. F.*, bots., 5 lbs., lb. 3.55 - —
cns., 25 lbs.....lb. 3.60 - —
fib. dms., 100 lbs.....lb. 3.60 - —
yellow, bots., 5 lbs.....lb. 3.50 - —
cns., 25 lbs.....lb. 3.65 - —
fib. dms., 100 lbs.....lb. 3.65 - —
Nitrate ointment (see Citrine ointment).
Mercury, oxide red, N.F. (see red precipitate).
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.21 - —
USP, fib. dms., 50 lbs. or more..lb. 1.73 - —
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs.....lb. 1.10 - 1.12
Mesityl oxide, cns., works.....lb. .23½- .27½
dms., c.l., works.....lb. .21 - —
l.c.l., works.....lb. .21½- —
tanks, works.....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½in...pkg. 1.70 - 1.80
Gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 -15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5⅛ in.....pkg.22.50 -23.00
3⅜x5⅛ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85
Metanitroaniline, kgs.....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .65 - —
Metatoluylenediamine, kgs....lb. .65 - —
Methanol, natural, denat. grade, tanks..gal. .25 - —
97%, tanks.....gal. .32 - —
95%, tanks.....gal. .31 - —
Methyl acetone, tanks.....gal. .25 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 8c. higher on tanks and 9c. per gal. higher on drums, car lots.

Methanol, pure, synth., dms., c.l., Zone 0, frt. alld. gal. .38 - —
2, frt. alld.....gal. .— - —
3, frt alld.....gal .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd., gal. .47 - —
3, frt. alld. or dlvd .gal .44½ - —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —

Synthetic methanol sales zones are—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .08 - —
W. of Miss. R.....lb. .09 - —
l.c.l., dms., dlvd. E. of Miss. R..lb. .08½- —
W. of Miss. R.....lb. .09½- —
tanks, dlvd. E. of Miss R. lb. .07 - —
W. of Miss. R.....lb. .08 - —
tech., dms., c.l., dlvd. E. of Miss. R..lb. .07½- —
W. of Miss. R.....lb. .08½- —
Methyl acetate, tech., dms., l.c.l., dlvd. E. of Miss. R.lb. .08 - —
W. of Miss. R. .....lb. .09 - —
tanks, dlvd. E. of Miss. R., lb. .06½- —
W. of Miss. R. .....lb. .07½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Acetone, natural, tanks.....gal. .25 - —

Methyl acetone in drums, car lots, is 5c. per gal. higher, frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies gal. .38 - —
2, frt. alld. E. of Rockies, gal. .41 - —
3, Pacific Coast.....gal. .42 - —
Zone 4.....gal. .44 - —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .41 - —
2, frt., alld. E. of Rockies..gal. .475 - —
3, Pacific Coast.....gal. .45 - —
4 .....gal. .605 - —
tanks Zone 1, frt. alld. E. of Rockies.....gal. .315 - —
2, ft. alld. E. of Rockies, gal. .34 - —
3, Pacific Coast.....gal. .35 - —
4 .....gal. .355 - —

● EBG maintains a thorough "follow through" policy in serving customers' needs for liquid chlorine. It begins with a closely supervised delivery system and includes expert technical assistance in every type of application. You'll enjoy the friendly and willing cooperation that goes with every shipment of EBG Liquid Chlorine. It's one of the reasons why customers say, "They treat you right at EBG!"

ELECTRO BLEACHING GAS COMPANY

MAIN OFFICE: 60 EAST 42nd STREET, NEW YORK, N. Y. • PLANT: NIAGARA FALLS, N. Y.

EBG Liquid Chlorine
FIRST IN THE COUNTRY

"Aye, Mac, we're saving money, but what kills me is thinking of the money we didn't save before we started using that good

Niagara

ALKALI COMPANY

42nd STREET, NEW YORK, N. Y.

Affiliated with Electro Bleaching Gas Co.
Pioneer Manufacturer of Liquid Chlorine

Niagara Caustic Potash"

P.S. You'll find it economical to use Niagara Caustic Soda and Carbonate of Potash, too.

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast; Zone 4, Ariz., Col., Mont., Nev., Idaho, Ore., Utah, Wash., N. Mex.

Methyl alcohol, (see Methanol).

Anthranilate, bots.	lb.	2.10 - 2.30
Benzoate, cns., 25 lbs.	lb.	.70 - 1.20
Bromide, cyl.	lb.	.60 - .75
Chloride, refrigeration, 500 lbs. and up, machine mfrs. and jobbers, cylinders, service men and consumers, cyl.	lb.	.32 - —
60 to 499 lbs., cyl., mach. mfrs. and jobbers, service men and consumers, cyl.	lb.	.36 - —
	lb.	.40 - —
tanks, multi-unit, mach. mfrs. and jobbers, service men and consumers,	lb.	.31 - —
	lb.	.35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bls.	lb.	2.45 - 3.75
Formate, dms.	lb.	.35 - .36
Lactate, dms., l.c.l., divd.	lb.	.80 - —
Iodide, bots.	lb.	3.08 - 3.83
Salicylate, dms.	lb.	.40 - .42
cns.	lb.	.42 - .45
Violet toner, bbls.	lb.	.38 - —
permanent, bbls.	lb.	.80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.11½- —
l.c.l., same terms	lb.	.12 - —
tanks, same terms	lb.	.10½- —
Methylene blue, medcl., kgs., 100 lbs.	lb.	2.00 - —
cns., 5 lbs.	lb.	2.35 - —
Chloride, dms., f.o.b. works	lb.	.18 - .22
Methylheptenone, bots.	lb.	2.45 - 3.00
Methylheptin carbonate, bots.	lb.	23.00 -44.00
Methylhexyl ketone, dms., tech., wks.	lb.	.60 - —
Methylisobutyl ketone, dms., 55-gal., c.l., works.	gal.	.76 - —
l.c.l., works	gal.	.80 - —
smaller containers, works.	gal.	1.00 - —
tanks, works.	gal.	.70 - —
Methylnaphtyl ketone, dom., cryst., bots.	lb.	3.25 - 3.30
imp. bots.	lb.	3.10 - —
Methylpropyl carbinol (see Carbinol).		
Ketone, dms., c.l.	lb.	.16 - —
l.c.l.	lb.	.20 - —
tanks	lb.	.15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee	ton.	9.00 - —
l.c.l., same basis	ton.	11.00 - —
180 mesh, containers extra, c.l., same basis	ton.	11.00 - —
l.c.l., same basis	ton.	13.00 - —
250 mesh, containers, extra, c.l., same basis	ton.	18.00 - —
l.c.l., same basis	ton.	15.00 - —
325 mesh, containers, extra, c.l., same basis	ton.	18.00 - —
l.c.l., same basis	ton.	20.00 - —
Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works	ton.	30.00 - —
l.c.l., 5,000 lbs., works.	ton.	40.00 - —
1,000 lbs., works.	lb.	.02 - —
500 lbs., works.	lb.	.02½- —
100 lbs., works.	lb.	.03 - —
Mica, dry-grd., amber, roofing, bgs., extra and returnable, c.l., works.	ton.	29.00 - —
l.c.l., 5,000 lbs., works.	ton.	39.00 - —
paint, bgs., extra and returnable, c.l., works.	ton.	55.00 - —
l.c.l., 5,000 lbs., works.	ton.	65.00 - —
white, No. 1 quality, bgs., extra and returnable, c.l., works.	ton.	35.00 - —
l.c.l., 5,000 lbs., works	ton.	45.00 - —
1,000 lbs., works.	lb.	.02½- —
500 lbs., works.	lb.	.03 - —
roofing, bgs., extra and returnable, c.l., works.	ton.	29.00 - —
l.c.l., 5,000 lbs, works,	ton.	39.00 - —
paint, bgs., extra and returnable, c.l., works,	ton.	60.00 - —
l.c.l., 5,000 lbs., works,	ton.	70.00 - —
wet-ground, paint or lacquer, bgs., c.l., divd. E.	lb.	.04¼- —
l.c.l., 1,000 lbs., divd. E.	lb.	.04¾- —
smaller lots, divd. E.	lb.	.05¼- —
100 lbs., works.	lb.	.03½- —
paper, wall or coated, bgs., c.l., frt. all., E.	lb.	.04½- —
c.l., 1,000 lbs., frt. all., E.	lb.	.04¾- —
smaller lots, frt. alld., E.	lb.	.05½- —
rubber bgs., c.l., frt. alld. E.,	lb.	.04 - —
l.c.l., 1,000 lbs., frt. alld., E.	lb.	.04½- —
smaller lots, frt. alld., E.	lb.	.05 - —

wet-ground mica prices are ½c. per pound higher on Pacific Coast.

Milk powder, skimmed roller, bbls., c.l.	lb.	.06 - —
l.c.l.	lb.	.07 - —
spray, bbls., c.l.	lb.	.06½- —
l.c.l.	lb.	.07½- —
unskimmed, roller bbls., c.l.	lb.	.15½- —
l.c.l.	lb.	.16½- —
spray, bbls., c.l.	lb.	.15½- —
l.c.l.	lb.	.16½- —
Millet seed, yellow, bgs.	lb.	.03¼- .03½
late fortune, bgs.	lb.	.02¼- .02⅝
hulled, bgs.	lb.	.05½- .06
Mineral spirits (see Petroleum thinner and V M & P, naphtha).		
Molasses, blackstrap, tanks.	gal.	.06½- —
New Orleans	gal.	.06 - —
Molybdate orange (see Orange, molybdate).		
Molybdenum metal, kgs., 99% powd.	lb.	2.60 - 3.00
Monoamylamine, dms., c.l., wks.,	lb.	.52 - —
l.c.l., works	lb.	.55 - —
Monobutylamine dms., l.c.l., works.	lb.	.65 - —
Monochlorobenzene, dms.	lb.	.06 - .08
Monoethanolamine, dms., c.l., works.	lb.	.24 - —
l.c.l., dms.	lb.	.25 - —
tanks	lb.	.23 - —
Monoethylaniliin, dms.	lb.	.77 Nom.
Monomethylamine, dms., c.l., divd.	lb.	.65 - —
l.c.l., divd.	lb.	.70 - —
Monomethylpara-aminophenol sulphate, dms.	lb.	3.75 - 4.00
Morphine, bots., 5 ozs.	oz.	11.10 - —
cns., 25 ozs.	oz.	10.90 - —
Acetate, bots., 5 ozs.	oz.	9.00 - —
cns., 25 ozs.	oz.	8.80 - —
Ethylhydrochloride, bots. 5 ozs.,	oz.	10.75 - —
cns., 25 ozs.	oz.	10.55 - —
Hydrobromide, bots., 5 ozs.	oz.	8.95 - —
cns., 25 ozs.	oz.	8.75 - —
Sulphate, bots., 5 ozs.	oz.	9.00 - —
cns., 25 ozs.	oz.	8.80 - —
Morpholine, dms., 55 gal., l.c.l., works.	lb.	.75 - —
smaller containers, works.	lb.	1.00 - —
Mullein flowers, cns.	lb.	.80 - .85
Leaves, bls.	lb.	.07 - .08
Musk, nat., Tonquin, grained, bots.	oz.	21.00 -22.00
pods, caddies, 20 ozs.	oz.	19.00 -21.00
synth., ambrette, cns., 100 lbs. or more.	lb.	3.25 - —
5 lbs. to 75 lbs.	lb.	3.50 - —
1 lb.	lb.	3.65 - —
ketone, cns., 100 lbs. or more,	lb.	3.40 - —
5 lbs. to 75 lbs.	lb.	3.65 - —
1 lb.	lb.	3.80 - —
xylol, cns., 100 lbs. or more,	lb.	1.00 - —
5 lbs. to 75 lbs.	lb.	1.10 - —
1 lb.	lb.	1.25 - —
Musk root, bls.	lb.	.12 - .13
Mustard seed, Bombay, brown, bgs.	lb.	.04½- .05
California, brown, bgs.	lb.	.07 - .07½
Chinese, yellow, bgs.	lb.	.05¾- .06⅛
Danish, yellow, bgs.	lb.	.08 - .08½
Dutch, yellow, bgs.	lb.	.07⅝- .08
English, yellow, bgs.	lb.	.09 - .09⅛
Hungarian, yellow, bgs.	lb.	.07⅝- .08⅛
Roumanian, yellow, bgs.	lb.	.06 - .06½
Myrobalans, J1, bgs., shipt.	ton.	27.50 - —
J2, bgs., shipt.	ton.	19.00 - —
R2, bgs., shipt.	ton.	17.00 - —
Extract, liquid, 25%, bbls.	lb.	.03¾- .05¼
solid, 50% bbls.	lb.	.04⅝- —
powdered, 70% bbls.	lb.	.05⅝- —

N

Naphtha, Painters' (see Petroleum naphtha. V. M. & P.).		
Solvent (see S).		
Naphthalene, crude, dom., 74 deg., bgs., bbls., wks.,	100 lbs.	2.35 - 2.65
78 deg., bgs., bbls., wks.,	100 lbs.	2.75 - 3.35
Import, bgs., Atl. ports.	100 lbs.	1.40 - 1.85
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works.	lb.	.05¾- —
50-lb. cs., same basis.	lb.	.06 - —
pkgs. (16 oz.), same basis,	lb.	.06½- —
(12 oz.) same basis.	pkg.	.05¼- —
chipped, crushed, bbls., same basis.	lb.	.05¼- —
rice, cryst., powd., bbls., same basis.	lb.	.05⅝- —
Nerolin, cryst., cns.	lb.	1.25 - 1.35
Nickel carbonate, bbls	lb.	.36 - .37½
Chloride, bbls.	lb.	.18 - .20
Oxide, black, bbls.	lb.	.35 - .38
Salt, bbls.	lb.	.18 - .18½
Nicotine sulphate, 40%, dms., works, frt. alld.	lb.	.70 - —
10-lb. tins	lb.	.86½- —
Nitersake, bulk, works.	ton.	16.00 - —
Nitrobenzene, dbl. dist., dms., c.l.	lb.	.06 - —
l.c.l.	lb.	.09 - —
tanks	lb.	.07 - —

Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works. lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works. lb. .26 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec., bbls., c.l., dry weight, works. lb. .33 - —
l.c.l., ¼, ½, 5-6, 15-20 and higher vis., bbls., lb. .26 - —
ester-soluble, lacquer, 20-30 and 60-80 sec., vis., bbls., works. lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports.	unit-ton.	1.02 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., divd.	unit-ton.	No prices.
f.o.b. Chemical, Ill.	unit-ton.	2.35 - 2.45
East Coast producing points.	unit-ton.	2.65 - 2.75
import, bgs., c.i.f. Atlantic ports, shipt.	unit-ton.	2.65 - 2.70
Nitronaphthalene, bbls.	lb.	.24 - .26
Nutgalls, Aleppo, bgs., cs.	lb.	No prices
Chinese, shipt., cs.	lb.	No prices
Extract (see Gall extract).		
Nutmegs, 80s, bgs., cs.	lb.	.49 - .50
110s, bgs., cs.	lb.	.19 - .19¼
West Indian, bgs.	lb.	.10¾- .11
Nux vomica, bls.	lb.	.03¾- .04
powd., bbls., bxs.	lb.	.06 - .07

O

Oakbark extract, 25% tan., bbls., c.l. wks.	lb.	.03½- —
l.c.l., bbls., wks.	lb.	.03¾- —
tanks	lb.	.02¾- —
Ocher (see Yellow).		
Octanes, 100-140° C., mixed, dms., c.l., G.3.	gal.	.12½- —
l.c.l., G.3.	gal.	.17 - —
tanks, G.3.	gal.	.10½- —
Octyl acetate, dms., c.l., works.	lb.	.16 - —
l.c.l., works.	lb.	.17 - —
tanks, works.	lb.	.15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).		
natural, bots.	lb.	2.00 - 2.50
s.p.a., bots.	lb.	2.05 - 2.75
sweet, true, exp., cns.	lb.	.65 - .69
Amber, crude, cns.	lb.	.16 - .17
ref'd, cns.	lb.	.50 - .51
Amyris, cns.	lb.	3.00 - 3.25
Angelica root, bots.	lb.	52.00 -53.00
seed, bots.	lb.	70.00 -80.00
Anilin (see A).		
Anise, USP, cns., dms.	lb.	.76 - .78
Apricot kernel, cns.	lb.	.28 - .32
Babassu, tanks	lb.	.06¾ Nom.
Bay, W. I., cns.	lb.	1.35 - 1.50
Bergamot, artif., cns.	lb.	1.25 - 1.30
natural, coppers	lb.	3.90 - 4.00
Betula (see Oil, sweet birch).		
Birch (see Oil, sweet birch).		
Birch tar, crude, dms.	lb.	.16 - .17
rectified, cns.	lb.	.65 - .70
Bois de rose, Brazil, cns.	lb.	1.55 - 1.60
Cayenne, cns.	lb.	1.50 - 1.75
Cade, USP IX (see Oil, juniper tar).		
Cajeput, tech., dms.	lb.	.42 - .45
USP IX, cns.	lb.	.48 - .50
Calamus, cns.	lb.	3.60 - 4.25
Oil, camphor, sassafrassy, cns.	lb.	.21 - .22
dms.	lb.	.19 - .20
white, cns.	lb.	.20 - .21
dms.	lb.	.17 - .18
Cananga, native, cns.	lb.	1.25 - 1.30
rectified, cns.	lb.	1.80 - 1.85
Capsicum (oleoresin), USP X,	cns. lb.	1.90 - 2.00
Caraway, USP, cns.	lb.	1.65 - 1.90
Cardamom, bots.	lb.	15.00 -33.00
Cassia, USP, cns., dms.	lb.	.85 - .90
Castor, blown, one-way dms., c.l.	lb.	.11¼- —
l.c.l.	lb.	.12 - —
Medicinal, bbls., c.l.	lb.	.09¾- —
l.c.l.	lb.	.10½- —
cns. (1-gal.), l.c.l.	lb.	.13½- —
dms. (returnable), c.l.	lb.	.09¼- —
l.c.l.	lb.	.10¼- —
(5-gal.), l.c.l.	lb.	.11½- —
tanks	lb.	.09 - —
No. 3, bbls., c.l.	lb.	.09¼- —
l.c.l.	lb.	.10 - —
dms. (returnable), c.l.	lb.	.09 - —
l.c.l.	lb.	.09¾- —
tanks	lb.	.08½- —

Castor oil, med. and No. 3 prices are divd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l.	lb.	.06¼- .06⅝
l.c.l.	lb.	.07¼- .08⅝
75% (63% fat), dms., c.l.	lb.	.09 - .09½
l.c.l.	lb.	.10 - .10½
80% (68% fat), dms., c.l.	lb.	.09¼- .10½
l.c.l	lb.	.10½- .11
Cedarleaf, cns.	lb.	.63 - .68
dms.	lb.	.60 - .65
Cedarwood, Oregon, cns., dms,	lb.	.28 - .30
Southern, cns., dms.	lb.	.20 - .23
Celery, bots.	lb.	7.50 -14.50
Chaulmoogra, USP, cns., 500 lbs.,	lb.	.90 - —
25 lbs.	lb.	1.00 - —
Chinawood, dms	lb.	.12¾- .13
tanks	lb.	.1200- .1220
Cinnamon, Ceylon, bots.	lb.	8.00 -22.00
Seychelle, bots.	lb.	6.50 - 7.50
Citronella, Ceylon, cns.	lb.	.35 - .35½
dms.	lb.	.33½- .34
Java, dms.	lb.	.38 - .40
Clove, makers, USP, cns.	lb.	.98 - —
dms.	lb.	.95 - —
Coconut, Manila, crude, tanks.	lb.	.03¾-
Pac. Cst.	lb.	.02½ Nom.
edible, 76°, tax incl., dms., (returnable), c.l.	lb.	.09 - —
l.c.l.	lb.	.09¼- —
tanks	lb.	.08¾- —
Cod, Newfoundland, shipt., tanked, bbls.	gal.	.38 Nom.
Norwegian, shipt., bbls.	gal.	.27 - .29
Codliver, med., U.S.P., Norwegian, bbls.	bbl.	26.00 - 27.00
Coriander, bots.	lb.	18.00 -20.00
Corn, crude, tanks, works.	lb.	.07 - .07¼
refd., bbls.	lb.	.09¾- .10
Cottonseed, dom., cooking, bbls.	lb.	.09¼- —
salad, bbls.	lb.	.09½- —
import, Brazilian, semi-refd., dms.	lb.	.0475- —
Creosote (see C).		
Croton, USP, cns.	lb.	1.30 - 1.35
Cubeb, USP, cns.	lb.	2.50 - 2.75
Crude (see Petroleum, crude).		
Cumin, bots.	lb.	6.75 - 7.00
Cypress, dom., bots.	lb.	5.25 - 5.30
import, cns.	lb.	12.00 -12.25
Degras (see D).		
Diesel, Bayonne, bulk	bbl.	1.75 - —
California, 24 plus, bulk.	bbl.	1.55 - —
Dill seed, bots.	lb.	3.00 - 3.25
weed, bots.	lb.	3.85 - 4.10
Dip (see D).		
Erigeron, cns.	lb.	2.40 - 2.55
Eucalyptus, cns.	lb.	.35 - .37
dms.	lb.	.33 - .35
Fennel, sweet, cns.	lb.	1.10 - 1.15
Fuel, bunker, California, tide-water.	bbl.	.90 - —
Gulf Coast	bbl.	.85 - .90
Louisiana, Arkansas, 10-14,	bbl.	.85 - 1.00

N. Y. and N. J. terminals:—

Monday	bbl.	.95 - —
Tuesday	bbl.	.95 - —
Wednesday	bbl.	.95 - —
Thursday	bbl.	.95 - —
Friday	bbl.	.95 - —
Saturday	bbl.	.95 - —
North Texas, 18-22.	bbl.	.80 - .85
24-28, zero cold test.	bbl.	1.10 - 1.15
Oklahoma, 18-22.	bbl.	.85 - .90
24-28, zero cold test.	bbl.	1.07½ - 1.12½
24-28, 15 and above.	bbl.	.90 - .95
Pennsylvania, 36-40.	gal.	.04 - .04½
Furnace, Bayonne, 1, bulk, refinery.	gal.	.06 - —
2, bulk, same basis.	gal.	.04½- —
4, bulk, same basis.	gal.	.04⅜- —
Louisiana - Arkansas, 32 - 36, light straw.	gal.	.03⅜- .04
Oklahoma, 28-30.	gal.	.03¼- .03½
32-36	gal.	.03½- .03⅝
36-38	gal.	.03⅝- .03⅞
38-40, straw.	gal.	.03⅜- .04
38-40 zero, 60 e.p.	gal.	.03¾- .04
Fusel (see F).		
Gas, Bayonne, bulk	gal.	.04¾- —
Gulf Coast, bulk	gal.	.04½- .04¼
North Texas, bulk	gal.	.02⅞- .03
Oklahoma, bulk	gal.	.02⅞- .03
Gaultheria (see Oil, wintergreen leaf).		
Geranium, Algerian, rose, cns.	lb.	3.25 - 4.50
Bourbon, cns.	lb.	2.65 - 3.00
Turkish (see Palmarosa).		
Grapefruit, cns.	lb.	2.15 - 2.20
Grapeseed, dms.	lb.	.40 - .60
Ginger, dist., bots.	lb.	5.75 - 6.00
Guaiac wood, concrete, bots.	lb.	2.75 - 3.10
Haarlem, import., bots.	gross	3.25 - 3.35
Halibut-liver, dms.	1,000 A unit gal.	.75 - 1.00
Oil, Hemlock, cns.	lb.	.75 - 1.00
Juniper berry, USP, cns.	lb.	1.10 - 1.30
Wood, tech., cns.	lb.	.45 - —
Juniper tar, USP XI, 1,000 lb. dms.	lb.	.39 - .40
cns.	lb.	.44 - .45
Lard, common, 1, bbls.	lb.	.08½- —
2, bbls.	lb.	.08¼- —
extra, bbls.	lb.	.09 - —
1, bbls.	lb.	.08¾- —
winter, strained, extra, bbls.,	lb.	.09¼- —
prime burning, bbls.	lb.	.10 - —
prime, ed., bbls.	lb.	.11½- —
ined., bbls.	lb.	.09½- —
Laurel, bots.	lb.	6.25 - 6.50
Lavandin, cns., 25 lbs.	lb.	2.00 - 2.05
Lavender flower, French, 50% ester, cns.	lb.	4.75 - 5.00
38-42% ester, cns.	lb.	3.25 - 4.25
35-38% ester, cns.	lb.	2.75 - 3.00
30-32% ester, cns.	lb.	2.00 - 2.25
garden, cns.	lb.	.42 - .45
spike, Spanish, tech., cns.	lb.	1.05 - 1.10
dms.	lb.	.95 - 1.10
Lemon, Calif., cns.	lb.	2.50 - —
Messina, coppers, cns.	lb.	3.75 - 4.00
Lemongrass, native, cns., dms.,	lb.	.38 - .40
Lime, dist., cns.	lb.	4.25 - 4.75
expressed, cns.	lb.	7.50 - 8.50
Linaloe wood, cns.	lb.	1.25 - 1.30
Linseed, boiled, bbls., c.l.	lb.	.0910- —
l.c.l., 5 or more	lb.	.0950- —
less than 5	lb.	.0990- —
tanks	lb.	.0850- —

Methyl Acet.—Oil, Putty

Oil, linseed, double boiled, bbls., less than 5 lbs.	lb.	.1010- .1030
raw, bbls., c.l.	lb.	.0870- —
l.c.l., 5 or more	lb.	.0910- —
less than 5	lb.	.0950- —
tanks	lb.	.0810- —
Lovage, bots.	lb.	41.25 -60.00

Lubricating, at refinery (including U.S. tax 4c. per gal.):—

California, green, 70, 80, 100, vis., dms.	gal.	.20 - —
140 vis., dms.	gal.	.25 - —
green, pale, 750, 900 vis., dms.	gal.	.26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms.	gal.	.26 - —
Oklahoma, bright stocks. 100-110 D, color 4, 0-10 pour, tanks.	gal.	.18½- —
15-25 pour, tanks.	gal.	.17½- —
150-160 D, color, 4½, 0-10 pour, tanks.	gal.	.20 - —
15-25 pour, tanks.	gal.	.19 - —
150-160 E, color 5½, 15-25 pour, tanks.	gal.	.18½- —
190-200 D, color 4¼, 15-25 pour, tanks.	gal.	.23 - —
200-210 E. 15-25 pour, tanks.	gal.	.22 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks.	gal.	.13 - —
180 vis., 3 color, tanks,	gal.	.14 - —
4 color, tanks.	gal.	.13½- —
200 vis., 3 color, tanks,	gal.	.14½- —
4 color, tanks.	gal.	.14 - —
250 vis., 3 color, tanks,	gal.	.15½- —
4 color, tanks.	gal.	.15 - —
280 vis., 3 color, tanks,	gal.	.16½- —
4 color, tanks.	gal.	.16 - —
300 vis., 3½ color, tanks,	gal.	.17 - —
350 vis., same basis.	gal.	.17½- —
400 vis., same basis.	gal.	.18 - —
500 vis., same basis.	gal.	.18½- —
900 vis., same basis.	gal.	.19 - —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour.

Penn., bright, 600 cold test, 10-15 pour, tanks.	gal.	.18 - —
cylinder, 600 fire, tanks,	gal.	.11¼- —
600 flash, tanks.	gal.	.14 - —
650 flash, tanks.	gal.	.17 - —
675 fire, tanks.	gal.	.12¼- —
650 fire, tanks.	gal.	.13½- —
Warren, E, amber, tanks,	gal.	.15 - —
neutral, 150 vis., 3 color, tanks.	gal.	.18 - —
180 vis., 3 color, tanks.	gal.	.18½- —
200 vis., 2 color, tanks.	gal.	.19 - —
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.24 - —
unfiltered, 600 s.r.	bbls., f.a.s.	gal. .20 - —
600 flash, s.r., bbls., c.l.,	gal.	.22 - —
630 s.r., bbls., c.l., f.a.s.	gal.	.20½- —
Warren, E, bbls., c.l., f.a.s.	gal.	.22½- —
smaller lots, f.o.b.	gal.	.23½- —
Mace, dist., cns., dms.	lb.	1.20 - 1.25
Mandarin, superior, coppers.	lb.	6.00 - 7.50
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.30 - —
refd., alkali, dms.	lb.	.0710- .0730
tanks	lb.	.0650- —
blown, dms.	lb.	.0710- .0730
kettle-bodied, dms.	lb.	.0800- .0820
light, pressed, dms.	lb.	.0650- .0670
tanks	lb.	.0590- —
Mineral, white (see Oil- white mineral).		
Mustard, artif., USP, cns.	lb.	1.65 - 1.70
dist., natural, bots.	lb.	8.50 - 9.00
expressed, bbls.	gal.	.65½- .70
Neatsfoot, 20° cold test, bbls.,	lb.	.15¼- —
extra, bbls.	lb.	.09 - —
1, bbls.	lb.	.08¾- —
pure, bbls.	lb.	.11¾- —
prime, bbls.	lb.	.09¼- —
sulphonated, common, 25% moisture, dms.	lb.	.10½- —
Neroli, bots.	lb.	115.00 - 140.00
Nutmeg, USP, cns., dms.	lb.	1.20 - 1.25
Oiticica, dms.	lb.	.10½- .10¾
Oleo, 1, bbls.	lb.	.09¼- —
2, bbls.	lb.	.09 - —
Olibanum, bots.	lb.	5.00 - 5.25
Olive, denat., bbls.	gal.	.94 - .98
edible, bbls.	gal.	1.75 - 2.00
foots, bbls.	lb.	.07 - .07¼
sulphonated, 50% (43% fat), dms., c.l.	lb.	.11½- .12
l.c.l.	lb.	.12½- .13
75% (63% fat), dms., c.l.	lb.	.13½- .14
l.c.l.	lb.	.14½- .15
80% (68% fat), dms., c.l.	lb.	.14½- .15
l.c.l.	lb.	.15½- .16
Orange sweet, dist., cs.	lb.	.50 - —
expressed, African, cns., dms.	lb.	.80 - .85
Calif., cns.	lb.	.65 - .75
Messina, USP, coppers.	lb.	2.25 - 3.25
West India, cns.	lb.	1.90 - 2.00
Origanum, Spanish, cns.	lb.	.90 - 1.60
Orris, Florentine, concrete, extra strong bots.	oz.	5.25 - 5.50
Palm, Niger, csks.	lb.	.03⅝- —
shipment	lb.	.02¾- —
softs, 12½%, bulk, shipt.	lb.	.02¾- —
20%, bulk, shipt.	lb.	.0270- —
Sumatra, shipt., bulk.	lb.	.02¾- —
Palmarosa, cns.	lb.	2.00 - 2.25
Palmkernel, bulk, shipt.	lb.	.0365 Nom.
Oil, paraffin, 320° flash, 60-70 vis., tanks, G. 3.	gal.	.05¼- —
330° flash, 70-80 vis., tanks, G. 3.	gal.	.05½- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14 - —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾- —
Patchouli, bots., cns.	lb.	3.75 - 8.00
Peanut, crude, dom., tanks.	lb.	.07½- .07¼
refd., edible, bbls.	lb.	.10½- .10¾
Pennyroyal, dom., cns.	lb.	1.40 - 1.45
import, cns.	lb.	1.35 - 1.40
Peppermint, natural, cns., dms.,	lb.	2.20 - 2.45
redist., USP, cns., dms.	lb.	2.30 - 2.65
Perilla, dms.	lb.	.09¾- .10
tanks	lb.	.0920- .0940
Petitgrain, Paraguay, cns.	lb.	.90 - 1.00
Pimento berry, cns.	lb.	3.65 - 7.50
leaf, cns.	lb.	2.30 - 2.40
Pine, dest.-dist., straw-color, dms., divd., E. ports.	gal.	.46 - .48
steam-dist., dms.	gal.	.59 - —
tanks	gal.	.54 - —
Pineneedle, Siberian, cns.	lb.	.95 - 1.00
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½- —
contracts	gal.	.19½- —
Whiting, Ind.	gal.	.28 - —
dms., c.l., Bost., Provid.	gal.	.25 - —
l.c.l., same basis.	gal.	.27 - —
tanks, same basis.	gal.	.18 - —
Martinez, Cal.	gal.	.28 - —

Oil, Rapeseed—Phosphorous

Oil, rapeseed, blown, bbls.....lb. .14 - .14½
denat., bbls.....gal. .75 - .80
Red, dist. or saponif, bbls., dlvd..lb. .08⅝ Nom.
dms., dlvd.....lb. .08¼ Nom.
tanks, dlvd.....lb. .07½ Nom.
white, dms.....lb. .11¼ Nom.
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms.....lb. .51 - .70
Rosin, 1st rectfd., dms.....gal. .45 - —
2d rectfd., dms.....gal. .47 - —
3d rectfd., dms.....gal. .51 - —
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.30 -35.00
Sandalwood, E.I., USP, cns..lb. 4.75 - 4.80
Sardine, crude, tanks, Pac. Cst. gal. .28 - —
refd., alkali, dms.....lb. .0710- .0730
tanks.....lb. .0650- —
kettle-bodied, dms.....lb. .0800- .0820
light, pressed, dms.....lb. .0650- .0670
tanks.....lb. .0590- —
Sassafras, artif., cns.....lb. .36 - .37
dms.....lb. .34 - .35
natural, cns., dms.....lb. 1.00 - 1.05
Savin, cns.....lb. 1.65 - 1.70
Savory, cns.....lb. 2.00 - 2.25
Sesame, refd., dms.....lb. .10½ Nom.
Shingle stain, bbls., c.l., wks. gal. .18 - —
l.c.l., works.....gal. .21 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb. 9.50 -10.00
Soybean, dom., crude, dms..lb. .0650- .0700
tanks.....lb. .057½- —
refd., dms.....lb. .0767½- .0725
tanks.....lb. .0685- —..
Spearmint, USP, cns.....lb. 1.70 - 1.75
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms.....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cns., dms.....lb. .75 - 1.00
Sweet, birch, North, cns....lb. 2.25 - 3.50
South cns.....lb. 1.65 - 2.00
Tall, crude, dms., c.l., works, ton.45.00 - —
l.c.l., works.....ton.50.00 -65.00
tanks, works.....ton.35.00 - —
refined, dms., c.l., works...lb. .05¼- —
l.c.l., works.....lb. .06 - —
tanks, works.....lb. .05 - —
Tallow, acidless, bbls.....lb. .08½- —
tanks.....lb. .08 - —
Tansy, cns.....lb. 5.50 - 5.75
Tar, coml, dms., c.l., dlvd., E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l.....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., dlvd., E. ports..gal. .50 - —
Tar acid (see T).
Teaseed, crude, dms.....lb. .07¼- .07½
Tea Tree (see Oil, ti tree).
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms.....lb. .85 - 1.45
Ti tree, cns.....lb. 3.10 - 3.50
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.25 - 5.00
Valerian, bots.....lb. 8.00 - 8.25
Vetiver, bots.....lb. 4.35 -16.50
Walnut, crude, dms.....lb. .13 - .13½
refd., dms.....lb. .14 - .14½
Whale, refd., natural, dms...lb. .0770- .0790
winter, bleach, dms.....lb. .0810- .0830
Wheat germ, phar., cns., dms. gal.22.50 -30.00
feedstuff, cns., dms.....gal.17.50 -25.00
White, mineral, dems., tech.,
50-60 vis., dms.....gal. .42 - —
65-75 vis., dms.....gal. .44 - —
80-90 vis., dms.....gal. .45 - —
USP, 80-90 vis., dms....gal. .49 - —
95-105 vis., dms.....gal. .57 - —
125-135 vis., dms.....gal. .64½- —
140-150 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
200-210 vis., dms.....gal. .74½- —
320-330 vis., dms.....gal. .80½- —
335-345 vis., dms.....gal. .82 - —
Russian, 80-90 vis., dms.gal. .49 - —
145-155 vis., dms.....gal. .68 - —
175-185 vis., dms.....gal. .72½- —
335-345 vis., dms.....gal. .82 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.05 - 3.75
synth (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.60 - 2.65
Wormwood, cns.....lb. 2.75 - 3.25
Ylang-ylang, Bourb., bots., cns., lb. 3.50 - 6.00
Manila, bots.....lb.18.00 -24.00
Olivine, aggregate, c.l., mines, ton. 5.00 - 8.00
Lumps, same basis.....ton. 7.00 - —
Spalls, same basis.....ton. 5.00 - —
Olivine, ground, 200 mesh, c.l., mines..ton.15.00 - —
20 mesh to dust.....ton.10.00 - —
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange, Lake, Persian, bbls...lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .10¾- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11¼- —
Colo., Mont., N. M., Wyo..lb. .11 - —
Other points.....lb. .10½- —
smaller lots, dlvd., Ala., etc..lb. .11¼- —
Ariz., etc.....lb. .11¾- —
Colo., Mont., N. M., Wyo..lb. .11½- —
Other points.....lb. .11 - —
Orange mineral, French, Tours, casks, ex dock..lb. .13½- —
kgs., ex dock.....lb. .14½- —
Molybdate, bbls.....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .33 - .35
Orange peel, bitter, bls.....lb. .08 - .09
sweet, bls.....lb. .09 - .10
Orris root, Florentine, bgs.....lb. .10 - .11
fingers, cs.....lb. .85 - .90
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .09 - .10
powd., bxs., cs.....lb. .12 - .13
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .32 - —
Orthocresol, dms., c.l., works.lb. .16½- —
l.c.l., same basis.....lb. .17½- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., same basis.....lb. .07 - —
100-lb. tins, same basis.lb. .08 - —
50-lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Orthonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, dms..lb. .15 - .18
Orthonitroparachlorophenol, cns.lb. .75 - —
Orthonitrotoluene, dms.....lb. .08 - —
Orthotoluenehydrochloride, dms.lb. .22 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .16 - —
Osage orange extract, cryst., bbls., lb. .19 - —
liquid, 42°, bbls.....lb. .08 - —
51°, bbls.....lb. .09 - —
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

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Papain, powd., cs.....lb. 1.25 - 1.30
Paprika, Hungarian, extra fancy, bgs..lb. .25½- .26
medium, bgs.....lb. .24½- .25
Spanish, extra fancy, cs.....lb. .29 - .30
medium, bgs.....lb. .24½- .25
Para-aminoacetanilide, kgs. ..lb. .85 Nom.
Parachlorophenol, dms. .....lb. .45 - —
Paracymene, refd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms., c.l.lb. .11 - .12
l.c.l. .....lb. .12¼- .15½
Paraffin, crude, scale, white, 122-124 A.m.p., bxs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0240- —
124-126 A.m.p., bxs., c.l., Okla., refy..lb. .02¼- —
bbls., c.l., N. Y.....lb. .0235- .0245
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .03¾- —
loose, c.l.....lb. .0355- —
125-127 A.m.p., bgs., c.l...lb. .0390- —
loose, c.l.....lb. .0370- —
128-130 A.m.p., bgs. or loose, c.l..lb. .04 - —
131-133 A.m.p., bgs. or loose, c.l..lb. .0435- —
133-135 A.m.p., bgs. or loose, c.l..lb. .0465- —
135-137 A.m.p., bgs. or loose, c.l..lb. .0490- —
138-140 A.m.p., bgs. or loose, c.l..lb. .0565- —
143-145 A.m.p., bgs. or loose, c.l..lb. .0660- —
151-153 A.m.p., bgs. or loose, c.l..lb. .08½- —
refined paraffin prices in cases are ½c. lb. higher than bags price; solid in tankcars is .05c. lower.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .02½- .02⅝
semirfd., solid, 122-124 A.m.p., bgs..lb. .02¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C..lb. .34 - —
100 to 900 lbs. shipments, same basis..lb. .35 - —
Paraldehyde, tech., 99%, 55 and 100 gal. dms., dlvd..lb. .16 - —
5 and 10 gal. dms., dlvd., lb. .17 - —
USP, cs., cbys.....lb. .37 - .45
Paranitroanilin, kgs., works...lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .15 - —
Paranitrophenol, kgs.....lb. .35 - —
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls....lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - —
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .15 - .18
Paris green, dealer, dms., bbls., c.l., f.o.b. works frt. alld., lb. .23 - .25
less car lot, same basis.lb. .24 - .26
Passion flower herb, bls.....lb. .07 - .07½
Patchouli leaves, bls.....lb. .18 - .20
Pellitory root, bls.....lb. .16 - .17
Pennyroyal herb, bls.....lb. .07 - .08
leaves, bls.....lb. .14 - .15
Pentanes norm., 28-38°, dms., c.l., G.3..gal. .11½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .14 - —
l.c.l., G.3.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .08 - .08¼
Lampong, bgs.....lb. .04¾- .04⅞
Tellicherry, bgs.....lb. .08⅝- .09
Red, chillies, Japan, 1, bgs..lb. .19 - .19½
Mombassa, bgs.....lb. .21 Nom.
White, Java, Muntok, bgs...lb. .08 - .08¼
Saigon, bgs.....lb. .07⅜- .08
Peppermint leaves, dom., bls..lb. .23 - .24
Import, bls.....lb. .40 - .41
Peru, balsam, dms.....lb. .65 - .70
Petrolatum, amber, bbls., c.l..lb. .02⅝- .02¾
l.c.l.....lb. .03⅛- .03⅜
extra, bbls.....lb. .02⅞- .03
l.c.l.....lb. .03⅜- .04⅛
cream (see white, cream).
green (see red).
red, veterinary, bbls., c.l....lb. .02½- —
white, cream, bbls., c.l.....lb. .04¼- —
l.c.l.....lb. .05⅜- .06¼
lily, bbls., c.l.....lb. .05¼- —
l.c.l.....lb. .06⅜- .07⅛
snow, bbls., c.l.....lb. .06¼- —
l.c.l.....lb. .07⅝- .08⅛

Petroleum crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens.....bbl. .84 - 1.00
Belridge.....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Canal-Greely.....bbl. .91 - 1.08
Coalinga.....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez.....bbl. .79 - 1.00
East Coyote.....bbl. .76 - .96
Elk Hills.....bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
El Segundo.....bbl. .80 - 1.21
Huntington Beach.....bbl. .78 - 1.22
Inglewood.....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbl. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview.....bbl. .70 - 1.36
Lost Hills.....bbl. .70 - 1.18
McKittrick.....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl. .70 - 1.36
Montebello.....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall.....bbl. .70 - —
Orcutt.....bbl. .70 - .86
Olinda Brea.....bbl. .76 - 1.27
Playa del Rey, f.o.b. pipe-line.....bbl. .80 - 1.16
Richfield.....bbl. .76 - 1.09
Rosecrans.....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence.....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .83
Whittier.....bbl. .76 - .96
Wilmington.....bbl. .75 - 1.21
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia.....bbl. 2.10 - —

Petroleum, crude, bulk, at wells:—
Central West:—
Illinois.....bbl. 1.35 - —
Lima.....bbl. 1.25 - —
Midland (Mich.).....bbl. 1.12 - —
Princeton.....bbl. 1.35 - —
East Texas.....bbl. 1.20 - 1.25
Gulf Coast:—
Barber's Hill.....bbl. .95 - 1.41
Batson.....bbl. .95 - 1.41
Dayton.....bbl. .95 - 1.41
Esperson.....bbl. .95 - 1.41
Goose Creek.....bbl. .95 - 1.41
Hull.....bbl. .95 - 1.41
Humble.....bbl. .90 - 1.41
Liberty.....bbl. .90 - 1.41
Markham.....bbl. .90 - 1.29
Orange.....bbl. .95 - 1.41
Pettus.....bbl. 1.37 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet)..bbl. 1.01 - 1.17
Saratoga.....bbl. .95 - 1.41
Sour Lake.....bbl. .90 - 1.41
Spindle Top.....bbl. .95 - 1.41
Sugarland.....bbl. .95 - 1.41
West Columbia.....bbl. .95 - 1.41
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.42 - —
Kentucky river.....bbl. 1.50 - —
Western Kentucky (Owensboro)..bbl. 1.30 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .90 - 1.22
Caddo.....bbl. .90 - 1.22
Cameron Meadows....bbl. .90 - 1.30
Choctaw.....bbl. .90 - 1.30
Cotton Valley.....bbl. .90 - 1.22
Darrow.....bbl. .90 - 1.30
De Soto.....bbl. .90 - 1.22
El Dorado.....bbl. .90 - 1.22
Haynesville.....bbl. .90 - 1.22
Homer.....bbl. .90 - 1.22
Iowa.....bbl. .90 - 1.30
Lockport.....bbl. .90 - 1.30
Miller County.....bbl. .90 - 1.22
Pine Island.....bbl. .90 - 1.22
Rainbow.....bbl. .90 - 1.22
Rodessa.....bbl. .90 - 1.22
Smackover.....bbl. .75 - .90
Tepetate.....bbl. 1.24 - —
Urania.....bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco.....bbl. No prices
Tuxpan.....bbl. No prices
Midcontinent:—
North Texas.....bbl. .96 - 1.30
Oklahoma-Kansas.....bbl. .93 - .130
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio West Virginia:—
Bradford-Allegany....bbl. 1.68 - —
Corning.....bbl. 1.07 - —
Pennsylvania grade, in Buckeye lines.....bbl. 1.18 - —
Eureka lines.....bbl. 1.28 - —
N. Y. Transit lines. bbl. 1.68 - —
S. W. Penn. lines..bbl. 1.34 - —
lower district in National Transit lines.bbl. 1.56 - 1.61
Rocky Mountain:—
Big Muddy.....bbl. 1.18 - 1.23
Canon City-Florence...bbl. 1.10 - —
Cat Creek.....bbl. 1.40 - —
Dutton Creek.....bbl. 1.06 - 1.30
Elk Basin.....bbl. 1.05 - —
Fort Collins-Wellington, bbl. 1.01 - 1.26
Frannie, light.....bbl. .65 - —
Grass Creek, light.....bbl. 1.05 - —
Greybull.....bbl. 1.30 - —
Iles.....bbl. 1.12 - 1.18
Lance Creek.....bbl. .87 - —
Lander.....bbl. .81½- —
Midway.....bbl. 1.00 - 1.30
Rock Creek.....bbl. 1.20½- —
Salt Creek.....bbl. 1.06 - 1.30
Sunburst.....bbl. 1.20 - —
Torchlight.....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County.....bbl. .98 - 1.25
Cleveland-Liberty.....bbl. 1.27 - —
Conroe.....bbl. 1.20 - 1.44
Darst Creek.....bbl. 1.09 - —
Hardin-Liberty.....bbl. 1.15 - —
Luling.....bbl. 1.00 - —
Lytton Springs.....bbl. 1.12 - —
South, Central and S.W. Texas:—
Mirando (incl. Duval).... bbl. .96 - 1.30
Panola County.....bbl. .93 - 1.25
Salt Flat.....bbl. 1.09 - —
Tomball.....bbl. 1.20 - 1.44
West Beaumont.....bbl. .95 - 1.29
Van.....bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .91 - 1.08
Gray County.....bbl. .96 - 1.08
West Texas:—
Artesia, N. M.....bbl. .90 - —
Crane.....bbl. .78 - 1.08
Crockett.....bbl. .78 - 1.08
Ector.....bbl. .78 - 1.08
Eddy (N. M.).....bbl. .90 - —
Hogback.....bbl. 1.33 - —
Howard.....bbl. .78 - 1.08
Jackson, N. M.....bbl. .90 - —
Lea, N. M.....bbl. .78 - 1.08
Marjamar, N. M.....bbl. .90 - —
Mitchell.....bbl. .78 - 1.08
Pecos.....bbl. .91 - —
Upton.....bbl. .78 - 1.08
Winkler.....bbl. .78 - 1.08
Ether, 30-60°, dms., c.l., G. 3, gal. .14 - —
l.c.l., G. 3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
35-60°, dms., l.c.l., G.3....gal. .30 - —
40-75°, dms., c.l., G.3....gal. .14 - —
l.c.l., G.3.....gal. .25 - —
tanks, G.3.....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .14 - —
c.l., G.3.....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —
Lacquer, diluent, at refinery:—
California, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond.....gal. .11 - —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .12 - .12½
Group 3, tanks.....gal. .07⅝- .07⅝
Naphtha, cleaners', at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅝- .06⅞
tankwagon, Boston, ex tax, gal. .13 - —
Bridgeport.....gal. .13½- —
Chicago, inc. 4c. tax..gal. .17½- —
Decatur, inc. 4c. tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .206 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .208 - —
Newark, ex tax.....gal. .12 - —
New York, ex tax.....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —

Petroleum, crude, bulk, at wells—
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .15 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums. gal. .16 - —
high-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.....gal. .16 - —
2, over 90% arom., same basis..gal. .18 - —
3, tanks, f.o.b. Bayway..gal. .18 - —
8, tanks, f.o.b. Paulsboro, N. J..gal. .14 - —
30, same basis.....gal. .16 - —
40, same basis.....gal. .14½- —
V. m. & p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½- —
Portland, Seattle..gal. .11 - —
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅝- .06⅝
tankwagon, Boston, ex tax gal. .13 - .14
Chicago, inc. 4c. tax..gal. .16½- —
Decatur, inc. 4c. tax..gal. .194 - —
Des Moines, inc. 4c. tax.gal. .192 - —
Evansville, Ind., ex tax.gal. .147 - .157
Milwaukee, inc. 5c. tax.gal. .206 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .208 - —
Newark, ex tax.....gal. .12¼- —
New York, ex tax.....gal. .11 - —
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12¼- —
St. Louis, inc. 1c. tax.gal. .16 - —
Solvent, rubber, at refinery, East Coast, tanks..gal. .09½- .10
Group 3, light, 120 i.b.p., 250 e.p., tanks...gal. .06⅝- .06⅝
standard, 180 i.b.p., 258 e.p., tanks..gal. .06⅝- .06⅝
Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .05⅞- .06⅛
tankwagon, Boston, ex tax, gal. .12½- .13⅛
Chicago, inc. 4c. tax..gal. .139 - —
Decatur, inc. 4c. tax..gal. .184 - —
Des Moines, inc. 4c. tax.gal. .182 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax.gal. .196 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .177 - —
Newark, ex tax.....gal. .09½- .11⅛
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .09½- .11¼
Omaha.....gal. .131 - .14
Philadelphia, ex tax...gal. .10½- .12½
St. Louis, inc. 1c. tax.gal. .139 - —
Tulsa, ex tax.....gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 i.b.p. 390 e.p., low anilin, 6,000 gal. tanks or transport trucks f.o.b. Los Angeles..gal. .15 - —
Portland, Ore.....gal. .16 - —
Richmond.....gal. .14½- —
Seattle, Wash....gal. .16½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore., gal. .10½- —
Richmond.....gal. .10 - —
Southern Calif....gal. .09½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore....gal. .12 - —
Richmond.....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09½- .10
New Jersey, tanks...gal. .09 - —
Group 3, tanks.....gal. .05⅞- .05⅞
tankwagon, tax included:—
Albany.....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .13½
25-99 gals.....gal. .13½- .13½
Boston.....gal. .12½- .13½
Bound Brook, North Amboy, N. J..gal. .11½- .13½
Bridgeport, Conn.....gal. .11½- —
Buffalo.....gal. .12½- —
Camden, N. J.....gal. .10 - .12
Chicago.....gal. .162 - —
Decatur, Ill.....gal. .184 - —
Des Moines.....gal. .182 - —
Evansville, Ind. .....gal. .137 - .147
Milwaukee.....gal. .196 - —
Minneapolis-St. Paul...gal. .198 - —
Newark.....gal. .09½- —
New York (290 gals.)..gal. .09½- .11
Omaha.....gal. .131 - .141
Philadelphia.....gal. .10 - —
Pittsburgh.....gal. .12 - .14
Providence.....gal. .12½- .13½
Rochester.....gal. .12 - —
St. Louis.....gal. .15 - —
Syracuse.....gal. .14 - —
Trenton.....gal. .11½- .14
Wilmington, Del. ....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs.....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15¼- .16¼
under 1,000 lbs.....lb. .16¼- .17¼
tanks, works.....lb. .13½- —
Phenolphthalein, USP, bbls., dms. 2,000-lb. lots...lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
Yellow, fib., dms., 2,000-lb. lots. lb. .80 - —
100-lb. fib., dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs.....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.25 - 3.50
Dimethylacetate, cns.....lb.14.50 -16.00
Phenylethylphenyl acetate, bots., lb. 7.90 -15.50
Phenylhydrazine base, CP, bots., lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works...lb. 1.60 - —
purs, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines, long ton. 2.35 - —
72% min., bulk, mines, long ton. 2.85 - —
75% basis, 74% min., bulk mines..long ton. 3.85 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
YeHow, cs.....lb. .24 - .30
Phosphorous, oxychloride, cyls.lb. .15 - .18
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18

Phthalamide, bbls., tons.....lb. .35 - —
single bbls.....lb. .40 - —
kgs.....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, ogs.....lb. .10 - .12
Pilocarpine hydrochloride, bots., vis...oz. 2.40 - 2.50
Nitrate, bots., vis.....oz. 2.90 - 3.09
Pimento, bgs.....lb. .14 - .15
Pinkroot, bls.....lb. .35 - .36
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l.....ton.22.00 - —
hardwood, 1-time, dm., c.l., dlvd. Akron..ton.23.75 -24.00
linseed, dms.....lb. .06 - .06¼
Petroleum (see Asphaltum, Mexican, Texas)
Pine, bbls.....lb. 6.00 - 6.25
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .11 - .12
Podophyllin, dms.....lb. 4.75 - 4.95
Poke root, bls.....lb. .07½- .08
milk cans.....gal. .21 - —
Pomegranate bark, bgs.....lb. .16 - .17
Root bark, bgs.....lb. .35 - .36
Poppy flowers, red, bls.....lb. .55 - .70
Seed, Dutch, bgs.....lb. .09¼- .09½
Polish, bgs.....lb. .09 - .09½
Potash abietate.....lb. .08 - —
Acetate, tech., bbls., dlvd..lb. .26 - —
kgs., dlvd.....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demi., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls. 300 lbs. .15 - —
kgs., 100 lbs.....lb. .17 - —
gran., bbls., 250 lbs.....lb. .15 - —
kgs., 100 lbs.....lb. .17 - —
Bichromate, spot, c.l., works..lb. .06¾- —
6 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09½- —
Bromide, USP., gran., bbls., 500 lbs..lb. .31 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd....lb. .03 - —
l.c.l., dms.....lb. .03½- —
tanks, dlvd.....lb. .02677- —
USP, gran., bbls., 325 lbs..lb. .14 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l.....lb. .07¼- .07½
Import, dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03¼- .03¼
tanks.....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l.....lb. .06¼- .06¾
import, dms.....lb. .06¼- .06¾
Chlorate, cryst., kgs.....lb. .09¼- .09¾
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .09
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .24 - .27
Citrate, USP, gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- .38½
Cyanide, cns., dms.....lb. .50 - .55
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb. .90 - —
100-lb. lots.....lb. 1.00 - —
50-lb. lots, cbys. or cns. lb. 1.05 - —
25-lb. lots, cns.....lb. 1.15 - —
Guaiacolsulphonate, fib., dms.. 100 lbs. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns.. 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs.. lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
Potash, iodate, cns., 25 lbs....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.13 - —
bots., or cns.....lb. 1.22 - 1.49
dms.....lb. 1.13 - 1.16
Kainit, 20% K_2O, bulk, c.l.f., ports..ton.12.25 - —

Prices for potash kainit, manure salts, muriate, sulphate and potash magnesia sulphate for July 1938-May 1939 are subject to discount according to the time orders are placed and the time of delivery. See fertilizar market report for particulars.

Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.l.f. ports.....unit-ton. .58½- —
import, 30%, K_2O, bulk, shipt. unit-ton. .58½- —
Metabisulphite, kgs.....lb. .12 - .13½
Muriate, dom., all strengths, min., 50% K_2O bulk. unit-ton. .53½- —
import, all strength, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports.. unit-ton. .53½- —

Potash muriate prices in bags are $2 per ton higher than bulk price.

Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Nitrate, crude, bgs., c.l.f. ports. ton.55.00 Nom.
Perchlorate, kgs., works....lb. .09 - .10½
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .30½- .34
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs., lb. .07 - —
Sulphate, NF, cryst., bbls., 400 lbs..lb. .12 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
Potash sulphate, tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports..ton.38.00 - —
l.c.l.....lb. .13½- —
Xanthate, dms., c.l.....lb. .13 - —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.25.75 - —
Potash-titanium oxalate, kgs...lb. .35 - .40
Prickly ash bark, bls.....lb. .11 - .12
Berries, bls.....lb. .14 - .15
Prince's pine herb, bls.....lb. .21 - .25
Propane, tanks, G.S.....gal. .03 - —
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .17 - .18
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .06½- —
less than 3, works..lb. .04 - —
O, O-½, O-¾, and 1½, bbls., less than 3, works..lb. .04½- —
3 or over, works..lb. .04 - —
Pumice stone, Ital-grd., bgs., c.l., shipt. ex dock, N.Y.ton.32.85 Nom.
l.c.l., 5-29 tons, ex whse., ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs., ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .10 - .12
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.50 - —
refined, dms.....100 lbs. 5.00 - —
standard, dms.....100 lbs. 3.95 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Sell test) 55-gal. dms. (incl.) frt. alld. E. of Rockies, standard brand..gal. 6.40 - 6.75
basis (30 to 1) 2.6% pyrethrins 55-gal. dms., (incl.) frt. alld. E. of Rockies, standard brand..gal. 9.60 - 9.95
Pyrethrum, flowers, coarse, grnd. (g.d.p.), Japan, bgs., frt. alld., 15 tons or over..lb. .27 - .28½
fine powd. Japan, bbls., ton lots frt. alld..lb. .28 - .30
Pyridin, denaturing, dms....gal. 1.53 - —
refd., 2°, dms.....lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms, tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophyllite, standard, 200 mesh, c.l. mines..ton. 9.50 - —
325 mesh, same basis.....ton.12.00 - —
No. 3, 200 mesh, c.l. mines..ton. 7.50 - —
325 mesh, same basis.....ton.10.50 - —
Pyroxylin, scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
dense white, cs., works..lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works ....lb. .12 - —
Pyroxylin shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 55% tan., bbls., works..lb. .03¾- —
tanks, works.....lb. .02¾- —
solid, 63%, bgs, c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .09 - .10
Quercitron, extract, liquid, 51°, bbls..lb. .07½- .08½
solid, dms.....lb. .10 - .15½
Quicksilver, dom., flasks (76 lbs. net), dlvd., N.Y..flasks.75.00 -84.50
Quince seed, bgs.....lb. .80 - 1.00
Quinidine, cryst., small cns...oz. .96 - —
large, cns.....oz. .93 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .76 - —
Acetate, cns.....oz. .99 - —
Arsenate, cns.....oz. .99 - —
Arsenite, cns.....oz. 1.01 - —
Bisulphate, cns.....oz. .54 - —
Citrate, cns.....oz. .72 - —
Dihydrobromide, bots.....oz. .75 - —
Dihydrochloride, bots.....oz. .75 - —
Ethylcarbonate, cns.....oz. .75 - —
Ferrocyanide, cns.....oz. 1.01 - —
Formate, cns.....oz. .94 - —
Glycerophosphate, cns.....oz. 1.14 - —
Hydrochloride, cns.....oz. .68 Nom.
Hydrochlorosulphate, cns....oz. .75 - —
Hydroiodide, cns.....oz. .99 - —
Hypophosphite, cns.....oz. .99 - —
Phosphate, cns.....oz. .82 - —
Salicylate, cns.....oz. .73 - —
Sulphate, U.S.P. X, cns.....oz. .54 - —
U.S.P. XI, cns.....oz. .61 - —
Sulphocarbolate, cns.....oz. .97 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .97 - —
Valerate, cns.....oz. .93 - —
Quinine-urea hydrochloride cns.oz. .75 - —

R

R. salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .06½- .07
Dutch, bgs.....lb. .06½- .07
Japanese, bgs.....lb. .06½- .06½
Raspberries, dried, bls.....lb. .38 - .40
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90

Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
Red, cadmium, lithopone, medium shade, bbls., ton lots, same basis.....lb. .80 - —
small lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark, works, lb. 2.50 - —
light, works.....lb. 2.25 - —
Orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40 1-lb. cns., 500 lbs., lb. 4.15 - —
dms., 500-lb. lots.....lb. 4.00 - —
100-lb. lots.....lb. 4.10 - —
Crocus martis (see Red, purple oxide.)
Eosin toner, bbls.....lb. 1.50 - 1.60
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .06¾- —
80%-85%, bbls., same basis..lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis, alizarin lake, contrs..lb. .75 - —
open order.....lb. .80 - —
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts. lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls..lb. 1.26 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N.Y..lb. .06¾- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Red, Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- .04¾
ex whse., Chicago, St. Louis..lb. .05¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kegs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .50 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., f.o.b. N.Y., lb. .03¾- .0390
Toluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quicksilver, bbls., 500.....lb. 1.45 - —
smaller lots.....lb. 1.46 - 1.59

Red dyes are listed under Dyes.

Red precipitate, N. F., powd., fib. dms., 50 lbs. or more..lb. 1.51 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works...lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .09 - .10
Rhodinol, bots.....lb. 6.65 -13.00
Rhubarb root, cs.....lb. .32 - .33
powd., bbls., kgs.....lb. .37 - .40
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .17¾- —
smaller lots.....lb. .18¼- —
powd., bbls., 5,000 lbs., 1 shipt..lb. .16¾- —
smaller lots.....lb. .17¼- —
Rose flowers, pale, bls.....lb. .25 - .35
red, bls.....lb. 2.25 - 2.30
Rosemary flowers, bls.....lb. .25 - .30
Leaves, bls.....lb. .05 - .06
Rosin, gum B, bbls., ex docks. 280 lbs. 4.75 - —
D, bbls.....280 lbs. 5.15 - —
E, bbls.....280 lbs. 5.15 - —
F, bbls.....280 lbs. 5.35 - —
G, bbls.....280 lbs. 5.40 - —
H, bbls.....480 lbs. 5.40 - —
I, bbls.....280 lbs. 5.40 - —
K, bbls.....280 lbs. 5.40 - —
M, bbls.....280 lbs. 5.45 - —
N, bbls.....280 lbs. 6.20 - —
W. G., bbls.....280 lbs. 6.30 - —
W. W., bbls.....280 lbs. 7.40 - —
X, bbls.....280 lbs. 7.40 - —
Rosin, wood, F. F.....280 lbs. 4.90 - 5.60
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Import., lump., bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .15 - .16

S

Sabadilla seed, powd., bbls....lb. .19 - .20
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.75 - 2.05
Safflower, bls.....lb. .24 - .25
Saffron, Mexican, bls.....lb. .28 - .29
Spanish, tins.....lb.30.00 -31.00
Safrol, cns.....lb. .62 - .65
dms.....lb. .50 - .51
Sage, Dalmatian, stemless.....lb. .05¾- .06
garden, bls.....lb. .06¼- .06½
Sago flour, bgs.....lb. .02½- .03¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .95 - —
kgs., 100 lbs.....lb. .90 - —
powd., fib. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.13.20 -13.80
l.c.l., bgs., dlvd., N. Y..ton.15.00 -15.60
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton.15.20 - —
l.c.l., dlvd. N. Y.....ton.16.30 -21.00
Saltcake, grd., dom., bbls., works, ton.19.00 -25.00
bulk, works.....ton.15.00 - —
import, bulk, c.i.f.....ton.15.00 -16.00
Carcene (see Chrome cake).
Saltpeter, dbl. refined, cryst., 18-20 tons, bbls..100 lbs. 7.50 - 8.25
1-9 tons.....100 lbs. 7.65 - 8.40
less than ton lots..100 lbs. 7.90 - 8.65

Phthalamide—Soda Ash

Saltpeter, gran., bbls., 10-20 tons. 100 lbs. 6.50 - —
1-9 tons.....100 lbs. 6.65 - —
less than ton lots..100 lbs. 6.90 - —
powd., bbls., 10-20 tons.100 lbs. 7.50 - —
1-9 tons.....100 lbs. 7.65 - —
less than ton lots..100 lbs. 7.90 - —
Santonin, cryst., cns.....lb.21.00 -22.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .40 - .41
Mexican, bls.....lb. .16 - .18
Sassafras, bark, ord., bls.....lb. .13 - .15
select, bls.....lb. .18 - .20
Savory, bbls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .07 - .07½
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .13¾- —
smaller lots.....lb. .14¾- —
kegs, 5,000 lbs., 1 shipm't..lb. .14¾- —
smaller lots.....lb. .14¾- —
Selenium, powd., A, 10-lb. tins..lb. 2.00 - —
100-lb. cases.....lb. 1.75 - —
Senega, root, bls.....lb. .50 - .51
Senna leaves, Alexandria, bls.lb. .10 - .14
siftings, bls.....lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .09 - .10
2 bls.....lb. .07 - .08
3, bls.....lb. .05½- .06
powd., bbls., bxs.....lb. .09 - .10
Pods, bls.....lb. .05½- .06
Serpentaria root, bls.....lb. .75 - .80
Shellac, bleached, bonedry, bbls., f.o.b., N.Y..lb. .19 - .20
dlvd. Boston.....lb. .19½- .20½
Chicago.....lb. .19¾- .20¾
Pacific Coast.....lb. .22 - .23
refd., bbls., f.o.b. N.Y.....lb. .25 - —
dlvd. Boston.....lb. .25½- —
Chicago.....lb. .25¾- —
Pacific Coast.....lb. .28 - —
Garnet, bgs.....lb. .13½- .14
Orange, D.C., VSO., Diamond, cases..lb. .20 - .21
Superfine, bgs., f.o.b. Bost. N. Y..lb. .11½- .12
dlvd. Chicago.....lb. .12 - .12½
Pacific Coast.....lb. .15 - .15½
T.N., bgs., f.o.b. Bost. N. Y.lb. .11 - .11¾
dlvd. Chicago.....lb. .11½- .12
Pacific Coast.....lb. .14 - .14½
Shellac varnish, orange, 5-lb. cut, bbls..gal. .85 - .95
4½-lb. cut, bbls.....gal. .80 - .90
4-lb. cut, bbls.....gal. .75 - .85
white, 5-lb. cut, bbls.....gal. 1.00 - 1.10
4½-lb. cut, bbls.....gal. .95 - 1.05
4-lb. cut, bbls.....gal. .90 - 1.00
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98%, 325 mesh., bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works, ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works.....ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver bullion.....oz. .42¾- —
Govt. purchase.....oz. .6464- —
Nitrate, vis.....oz. .31½- .32¼
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simaruba bark, bls.....lb. .28 - .30
Skatol, bots.....lb.75.00 -90.00
Skullcap, Eastern, bls.....lb. .20 - .21
Western, bls.....lb. .14 - .17
Skunk cabbage root, bls.....lb. .15 - .17
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .10 - .11
Smalt, black, extra velvet, cns., lb. .05 - .06
Blue, cts.....lb. .07 - .08½
Snakeroot, Canada, bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda, abietate, dms.....lb. .10 - —
Acetate, anhyd., dms., dlvd..lb. .06¼- .10
flake, gran., powd., 60%, dms., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. ....lb. .04½- .05
Alginate, dms.....lb. .09 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .11
l.c.l., dms., works.....lb. .09½- .11½
liquid, 50 gls., dms.....gal. .35 - —

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
2.....100 lbs. 2.28 - —
3.....100 lbs. 2.33 - —
4.....100 lbs. 2.95 - —
bbls., c.l., works...100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l., works....100 lbs. .95 - —
extra light, 58%, bgs., c.l.... 100 lbs. 1.06 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2.....100 lbs. 2.23 - —
3.....100 lbs. 2.43 - —
4.....100 lbs. 2.88 - —
bbls., c.l., Zone 1..100 lbs. 1.48 - —
58%, bbls., c.l., Zone 2. 100 lbs. 2.60 - —
3.....100 lbs. 2.85 - —
4.....100 lbs. 3.25 - —
l.c.l., Zone 1.....100 lbs. 2.45 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.05 - 1.06
l.c.l., Zone 1.....100 lbs. 2.03 - —
2.....100 lbs. 2.22 - —
3.....100 lbs. 2.42 - —
4.....100 lbs. 2.86 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —

Soda Ash—Soda Sulpho.

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N. H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more	lb.	.39 - —
1,000 to 3,900 lbs.	lb.	.40 - —
900 lbs. or less	lb.	.42 - —
USP, bbls., 4,000 or more.	lb.	.46 - —
1,000 to 3,900 lbs.	lb.	.47 - —
900 lbs. or less	lb.	.50 - —
dms, 4,000 lbs., or more	lb.	.47 - .48
1,000 to 3,900 lbs.	lb.	.48 - .49
900 lbs. or less	lb.	.51 - .52
Bicarbonate, gran., bbls., c.l., works	100 lbs.	2.25 - —
powd., bbls., c.l., works,	100 lbs.	1.95 - —
l.c.l., dlvd. N. Y.	100 lbs.	2.51 - —
kgs., c.l.	100 lbs.	2.10 - —
l.c.l., dlvd. N. Y.	100 lbs.	2.76 - —
Bichromate, spot, c.l., works.	lb.	.06¾- —
Soda bichromate, 6 cks, or 10 bbls. or over, works.	lb.	.07 - —
6 cks. or 9 bbls. or less, works.	lb.	.07¼- —
Bifluoride, bbls.	lb.	.12½- .15
Bisulphite, powd., bbls., c.l., bbls., wks.	100 lbs.	3.30 - 3.56
l.c.l., works	100 lbs.	3.50 - 3.60
solution, 32 doz., bbls., c.l., works.	100 lbs.	1.30 - —
l.c.l., bbls., works.	100 lbs.	1.55 - —
33 deg., bbls., c.l., works,	100 lbs.	1.35 - —
l.c.l., bbls., works.	100 lbs.	1.60 - —
35 deg., bbls., c.l., works,	100 lbs.	1.40 - —
l.c.l., bbls., works.	100 lbs.	1.65 - —
40 deg., bbls., works.	100 lbs.	1.55 - —
l.c.l., bbls., works.	100 lbs.	1.80 - —
Bromide, USP, gran., bbls., 500 lbs.	lb.	.31 - —
fiber dms., 100 lbs.	lb.	.32 - —
Cacodylate bots., 5 lbs.	lb.	5.81 - —
jars, 25 lbs.	lb.	5.50 - —
Carbonate (see Soda ash, soda monohydrated, soda, sal)		
Caustic, flake, 76%, 1, gr., powd., ammon. process, bbls., c.l., works.	100 lbs.	2.70 - —
dms., c.l., works.	100 lbs.	2.70 - —
l.c.l., Zone 1	100 lbs.	3.55 - 4.90
2	100 lbs.	3.70 - 5.05
3	100 lbs.	3.95 - 5.30
4	100 lbs.	4.35 - 5.70
electro process, dms., c.l., works.	100 lbs.	2.70 - —
l.c.l., same zone prices as ammonia process.		
liquid, 47-49% buyer's tanks, works.	100 lbs.	1.95 - —
seller's tanks, works,	100 lbs.	1.97½- —
Soda, caustic, liquid, 70%, buyers' tanks, works.	100 lbs.	1.97½- —
seller's tanks, works,	100 lbs.	2.00 - —
solid, 76%, ammon. process, dms., c.l., works.	100 lbs.	2.30 - —
l.c.l., Zone 1	100 lbs.	3.15 - —
2	100 lbs.	3.30 - —
3	100 lbs.	3.55 - —
electro process, dms., c.l., works.	100 lbs.	2.30 - —
l.c.l., same zone prices as ammon. process.		
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.		
Chlorate, dom., cryst., bgs., c.l., works.	lb.	.06¼- —
l.c.l., works.	lb.	.06½- —
powd., bgs., c.l., works.	lb.	.06½- —
l.c.l., works.	lb.	.07 - .08½
Citrate, U.S.P., VIII, gran., bbls.	225 lbs.	.19½- —
cns., 50 lbs.	lb.	.21½- —
25 lbs.	lb.	.23½- .24½
kgs. 100 lbs.	lb.	.20½- —
USP XI, gran., bbls., 250 lbs.	lb.	.26 - —
cns., 50 lbs.	lb.	.28 - —
25 lbs.	lb.	.30 - .31
kgs., 100 lbs.	lb.	.27 - —
U.S.P., XI, powd., bbls., 250 lbs.	lb.	.26½- —
cns., 50 lbs.	lb.	.28½- —
25 lbs.	lb.	.30½- .31½
kgs., 100 lbs.	lb.	.27½- —
Cyanide, 96-98%, dom., dms.	lb.	.14 - .15
import, 90%, cs.	lb.	.12¾- .13¾
Diacetate, 33-35% acidity, bbls., dlvd.	lb.	.09 - —
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila.	lb.	.07¼- —
Soda fluoride, l.c.l., 10 or over, same basis.	lb.	.07¾- —
5-9, same basis	lb.	.08¼- —
1-4, same basis	lb.	.08¾- —
95%, bbls., c.l., same basis,	lb.	.07½- —
l.c.l., 10 or over, same basis.	lb.	.08 - —
5-9 same basis	lb.	.08¼- —
1-4, same basis	lb.	.08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.		
Glycerophosphate, N. F., cryst., bbls., 1,000-lb. lots.	lb.	1.00 - —
smaller lots	lb.	1.15 - —
cns., 25 lbs.	lb.	1.40 - —
powd., bbls., 1,000-lb. lots.	lb.	1.05 - —
smaller lots	lb.	1.20 - —
cns., 25 lbs.	lb.	1.45 - —
Hydrosulphite, bbls.	lb.	.16 - .17
Hydroxide, USP., sticks, cns., 160 lbs.	lb.	.20½- .22
Hypophosphite, N.F., cns. 100 lbs.	lb.	.67 - —
Hyposulphite, cryst., large, bgs, c.l., wks, frt. equal'd,	100 lbs.	2.25 - —
bbls., same basis	100 lbs.	2.45 - —
l.c.l., bgs., wks, frt. equal'd	100 lbs.	2.50 - —
bbls., same basis	100 lbs.	2.70 - —
	100 lbs.	2.40 - 2.65
pea, bgs., c.l., works.	100 lbs.	2.60 - —
bbls., works.	100 lbs.	2.80 - —
dms., works.	100 lbs.	3.10 - —
5,000 lbs., and over, bgs., works.	100 lbs.	2.75 - 3.00
bbls., wks.	100 lbs.	2.95 - 3.20
dms., wks.	100 lbs.	3.25 - 3.60
2,500 to 5,000 lbs., bgs., wks.	100 lbs.	2.85 - 3.10
bbls., wks.	100 lbs.	3.05 - 3.30
dms., wks.	100 lbs.	3.35 - 3.60
500 to 2,500 lbs., bgs., wks.,	100 lbs.	3.10 - 3.35
bbls., wks.	100 lbs.	3.30 - 3.55
dms., wks.	100 lbs.	3.60 - 3.85
less than 500 lbs., bgs., wks,	100 lbs.	3.70 - 3.95
bbls., wks.	100 lbs.	3.90 - 4.15
dms., wks.	100 lbs.	4.20 - 4.45
Iodate, jars	lb.	5.02 - 5.07
Iodide, jars	lb.	2.10 - —
bots.	lb.	2.21 - 2.47
Mandelate, bots., 5 lbs.	lb.	3.30 - —
fib. dms., 25 lbs.	lb.	3.15 - —
Metanilate, kgs.	lb.	.41 Nom.
Metasilicate, ground, dms., c.l., works.	100 lbs.	3.15 - —
l.c.l., works	100 lbs.	3.40 - —
cryst., dms., c.l.	100 lbs.	2.90 - —
gran., bbls., c.l., works.	100 lbs.	2.20 - —
Molybdate, kgs., wks.	lb.	.60 - —
less kgs	lb.	.65 - —
Monohydrated, bbls.	100 lbs.	2.60 - —
works	100 lbs.	2.30 - —
Naphthenate, bbls.	lb.	.19 - —
Naphthionate, bbls.	lb.	.50 - —
Nitrate, crude, c.l., 100-lb. bgs., Sept.-June delivery, f.o.b. cars producing point or ports, rail or boat shipment	ton.	29.00 - —
200-lb. bgs., same basis.	ton.	28.30 - —
bulk, same basis	ton.	27.00 - —
rfd., gran., bbls., 10 tons.	100 lbs.	2.50 - —
1-9 tons	100 lbs.	2.65 - —
smaller lots	100 lbs.	2.90 - —
pwd., bbls., ton lots.	100 lbs.	5.65 - —
smaller lots	100 lbs.	5.90 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized.	lb.	.06¾- —
c.l., West Coast, f.o.b. f.o.b. ports.	lb.	.08 - —
l.c.l.	lb.	.08¼- .11¼
Soda nitrate l.c.l. price range represents delivery at various points.		
Oxalate, neut., bbls.	lb.	.09 - —
kgs.	lb.	.11 - —
Perborate, N.F., bbls., c.l., works.	lb.	.14¾- —
l.c.l., works.	lb.	.15¼- —
Phosphate, dibasic, tech., bgs., c.l., works.	100 lbs.	1.85 - —
l.c.l., works.	100 lbs.	2.25 - —
bbls., c.l., works.	100 lbs.	2.05 - —
l.c.l., works.	100 lbs.	2.40 - —
monobasic, anhyd., bbls., c.l.,	100 lbs.	7.45 - —
l.c.l.	100 lbs.	8.20 - —
tribasic, bgs., c.l., works.	100 lbs.	2.00 - —
l.c.l., works.	100 lbs.	2.40 - —
bbls., c.l., works.	100 lbs.	2.20 - —
l.c.l., works.	100 lbs.	2.60 - —
kgs., c.l., works.	100 lbs.	2.70 - —
l.c.l., works.	100 lbs.	3.10 - —
Picramate, kgs.	lb.	.65 - —
Prussiate, yellow, bbls., works.	lb.	.09¼- .10
Pyrophosphate, anhy., c.l., bgs., wks., frt. equal'd.	100 lbs.	5.90 - —
bbls., c.l., same basis,	100 lbs.	6.10 - —
10,000 lbs. or over, bgs., same basis.	100 lbs.	6.25 - —
bbls., same basis.	100 lbs.	6.45 - —
less than 10,000 lbs., bgs., same basis.	100 lbs.	6.90 - —
bbls., same basis.	100 lbs.	7.10 - —
Ricinoleate, tech., bbls.	lb.	.12 - —
Sal, bgs., dlvd., N. Y.	100 lbs.	1.20 - —
works	100 lbs.	1.00 - —
bbls., dlvd. N. Y.	100 lbs.	1.30 - —
works	100 lbs.	1.10 - —
Salicylate, bxs.	lb.	.52 - —
Sesquisilicate, dms., c.l., works,	100 lbs.	3.00 - —
20 dms., and up, dlvd. N.Y.C.	100 lbs.	3.65 - —
5-19 dms.	100 lbs.	4.10 - —
1-4 dms.	100 lbs.	4.30 - —
Silicate, 40° turbid., dms., c.l., works.	100 lbs.	.80 - —
l.c.l., 5 or more, works,	100 lbs.	1.05 - —
1-4, works.	100 lbs.	1.20 - —
52°, dms., c.l., works.	100 lbs.	1.40 - —
l.c.l., 5 or more, works,	100 lbs.	1.65 - —
1-4, works.	100 lbs.	1.80 - —
Silicofluoride, dom., bbls.	lb.	.05¼- .05¼
import, bbls.	lb.	.04½- .05
Stannate, dms.	lb.	.29 - .32
Stearate, lump, powd., bbls., works.	lb.	.19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works.	100 lbs.	1.45 - 1.65
5 tons or over, works,	100 lbs.	1.70 - 1.90
less than 5 tons, works,	100 lbs.	1.95 - 2.15
cryst. (see Glauber's salt).		
Sulphide, cryst., bbls., c.l., works.	100 lbs.	2.25 - —
l.c.l., 5 tons or over, dlvd.,	100 lbs.	2.75 - —
less than 5 tons, dlvd.,	100 lbs.	3.00 - —
solid, bbls., c.l., works.	100 lbs.	3.00 - —
l.c.l., 5 tons or over, dlvd.,	100 lbs.	3.50 - —
less than 5 tons, dlvd.,	100 lbs.	3.75 - —
Sulphite, cryst., bgs., works,	100 lbs.	2.10 - 2.35
bbls.	100 lbs.	2.30 - 2.55
powd., bbls., c.l.	100 lbs.	5.25 - —
l.c.l., 5 or more	100 lbs.	5.50 - —
1-4	100 lbs.	6.00 - —
Sulphocarbolate, cs.	lb.	.27 - .28
Sulphocyanide, dms., cns.	lb.	.28 - .47

...than the old fire hydrant ...and every bit as safe!

A GENERATION AGO, many city youngsters never knew the thrill of diving into a sunny pool on a summer afternoon. A street blocked off—the gush of water from a hydrant—this was a common way of cooling off.

Today, we have public and municipal swimming pools. Not a new idea, of course—but an old idea made practical and safe by the development of improved germicidal agents to purify the water in the pools.

Pennsylvania Salt Manufacturing Company has played a leading part in the development of effective and economical products for swimming pool sanitation. They are used in public and private pools alike, in all sections of the country.

Here is but one phase of the many-sided research and development activity of this Company, which daily provides for industrial users a source of chemical products of high purity and exceptional uniformity. Pennsylvania Salt products have won an important place in nearly every industry. The services of our technical staff are always available to help with your difficult problems.

Some Leading Products of Pennsylvania Salt Manufacturing Co.

KRYOLITH (Natural Greenland Cryolite)
CHLORINE
SODIUM ORTHOSILICATE
CARBON TETRACHLORIDE
CARBON BISULPHIDE
CAUSTIC SODA

PENNSYLVANIA SALT MANUFACTURING CO. · *Est. 1850*
WIDENER BLDG., PHILADELPHIA, PA.
NEW YORK · CHICAGO · ST. LOUIS · PITTSBURGH · TACOMA · WYANDOTTE

PENNSYLVANIA SALT Chemicals

Soda sulphoricinoleate, bbls...lb. .12 - —
Thiosulphate (see hyposulphite).
Tungstate, CP, kgs.....lb. 1.75 - 1.85
tech., kgs. .....lb. 1.05 - 1.10
Solvent, high-flash, dms., works, frt., equald..gal. .31 - —
tanks, same basis.....gal. .26 - —
naphtha, solvent, dms., works, gal. .31 - —
tanks, E. of Omaha, frt., alld. gal. .26 - —
W. coast, f.o.b., Minnequa, Colo..gal. .26 - —
Sorbitol, com'l, solut., dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .18 - —
Sparteine sulphate, cns.....oz. 1.00 - 1.05
Spearmint leaves, bls.....lb. .18 - .19
Spikenard root, bls.....lb. .12 - .13
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01½- —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .15 - .16
Squill red, bls.....lb. .14 - .15
white, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .45 - .50
St. John's bread, bls.....lb. .06¼- .07
Starch, corn, pearl, bgs., f.o.b. Chicago..100 lbs. 2.45 - 2.65
dlvd., N. Y.....100 lbs. 2.80 - 3.00
powd., bgs., f.o.b. Chicago, 100 lbs. 2.55 - 2.75
dlvd., N. Y.....100 lbs. 2.90 - 3.10
Potato, dom., bgs.....lb. .04 - .05
import, bgs.....lb. .05 - .06
Rice, bbls.....lb. .06¼- .07¼
Wheat, thick boil, bbls.....lb. .06¼- —
Staveacre seed, bgs. .....lb. .17 - .18
Stearin, oleo, bbls.....lb. .07¾- .08
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .07½- .08
Storax, cs. .....lb. .48 - .49
Stramonium leaves, bls.....lb. .13 - .14
Seed, bgs.....lb. .09 - .10
Strontium bromide, fib, dms..lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, N.F., IV, 250-lb. bbls..lb. .30 - —
25-lb. bxs.....lb. .35 - —
100-lb. kgs.....lb. .32 - —
Chloride, bbls. .....lb. .13¼- —
Iodide, bots., 5 lbs.....lb. 2.90 - —
jars, 25 lbs.....lb. 2.85 - —
Nitrate, dom., bbls., c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .07¾- .08¾
Strophanthus seed, Kombe, bgs.lb. 1.20 - 1.25
Styralyl acetate, bots.....lb. 6.75 - 7.00
Strychnine, cryst., cns., 100-oz. lots..oz. .39 - —
powd., cns., 100-oz. lots....oz. .29 - —
Acetate, 25-oz. cns., 100-oz. lots..oz. .57 - —
Arsenate, 25-oz. cns., 100-oz. lots..oz. .60 - —
Arsenite, 25-oz. cns., 100-oz. lots. oz. .57 - —
Glycerophosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Hydrochloride, 25-oz. cns., 100-oz. lots..oz. .57 - —
Hypophosphite, 25-oz. cns., 100-oz. lots..oz. .68 - —
Nitrate, 25-oz. cns., 100-oz. lots..oz. .50 - —
Phosphate, 25-oz. cns., 100-oz. lots..oz. .59 - —
Sulphate, cryst., cns., 100-oz. lots..oz. .35 - —
powd., cns., 100-oz. lots, oz. .25 - —
Sucrose octa-acetate, denat., grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .70 - 1.10
Milk, bbls., c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 1.90 - —
fib., dms., 1,000 lbs., 1 delivery, lb. 1.50 - —
100 lbs.....lb. 1.55 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
Sulphur, flowers, bgs., c.l., works 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.25 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, comm'l, bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.60 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works, 100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works, 100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
Dioxide, liq., com'l, cyle., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide, bots., tars.....lb. 2 90 - —
Sumac, grd., Sicilian, bls....ton.65.00 - —
leaf, bales.....ton.67.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¼
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .06½- .08½
Sunflower seed, Calif., large, bgs., lb. .01 - .06½
medium, bgs. .....lb. .04½- .05
poultry, bgs.....lb. .03½- .04
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 7.50 - —
triple, 40-48%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

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Talc., dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh bgs., c.l., mills.. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96-98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99½%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
99.85-99.95%, 325 mesh, bgs., c.l., mills...ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-mag. type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.50 - —
Vermont, bgs., c.l., mills. ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
Canad., bgs., c.l., mills...ton.11.50 -13.00
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival. ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls...lb. .07⅝- .07⅝
extra, loose, works.....lb. .05¼- —
special, loose, works.....lb. .05¼- —
Vegetable, ship., cs.....lb. .07½- .08
sulphonated 35% (24% fat), dms., c.l..lb. .05 - .05½
l.c.l. .....lb. .06 - .06½
50% (43% fat) dms., c.l..lb. .06½- .07
l.c.l. .....lb. .07½- .08
50% (48% fat), dms., c.l..lb. .07 - .07½
l.c.l. .....lb. .08 - .09
Tamarind, W. I., bbls.....lb. .05 - .05½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12%, ammon., 15-20% b.p.l., bulk..unit-ton. 2.70 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk, unit-ton. 2.60 & .10
fertilizer grade, 10-11% ammon., 15% b.p.l., bulk, Chicago..unit-ton. 2.50 & .10
high-grade feeding, bulk, Chicago..unit-ton. 2.65 & .10
Import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports ship. unit-ton.3.10 & .10 Nom.
Tansy leaves, bls.....lb. .18 - .19
Tapioca, flour, bgs.....lb. .02 - .04
Tar acid oil, 15%, dms., c.l., works..gal. .22 - —
l.c.l., same basis.....gal. .25 - —
25%, dms., c.l., works....gal. .25½- —
l.c.l., same basis.....gal. .28½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd., ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tarragon herb, bgs.....lb. .22 - .22½
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
powd., bbls., 5 or more..lb. .27¾- —
less than 5.....lb. .28 - —
USP, powd., bbls.....lb. .33 - 33½
Terebene, cans.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .77 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .25 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt..lb. .17 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms. .....lb. .09½- —
Tetralin, dms. .....lb. .12 - —
Thallium sulphate, 90% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns. .....lb. 2.10 - 2.40
Sodiosalicylate, cns. .....lb. 1.75 - 1.85
5-lb. bots. .....lb. 2.01 - —
Thiocarbanilide, dms. .....lb. .24 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .14 - .15
Thymol, dms., 100 lbs.....lb. 1.40 - —
cns., 25 lbs.....lb. 1.45 - —
Iodide, kgs., 50 lbs.....lb. 3.25 - 3.30
25 lbs.....lb. 3.35 - 3.40
Timbo root, powd., 4% rotenone, bbls..lb. .18 - .26
5% rotenone, bbls.....lb. .22 - .30
Tin crystals, bbls., kgs.....lb. .34½- .35
Metal, Straits.....lb. .43¼- —
Oxide, bbls.....lb. .48 - .50
Tetrachloride, anhyd., bbls...lb. .22 - —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .15 - —
Pac. cst., f.o.b. terminals, lb. .15 - —
l.c.l., 5 tons, E., dlvd....lb. .15¼- —
Pac. cst., ex whse....lb. .15¼- —
1,000-9,999 lbs., E. dlvd..lb. .15½- —
Pac. cst., ex whse....lb. .15½- —
50-999 lbs., E. dlvd.....lb. .15¾- —
Pac. cst., ex whse....lb. .15¾- —
under 50 lbs., E. dlvd...lb. .18 - —
Pac. cst., ex whse....lb. .18 - —
bbls., c.l. (20 tons), E. frt. alld...lb. .15¼- —
l.c.l., 5 tons, E. dlvd....lb. .15½- —
1,000-9,999 lbs., E. dlvd..lb. .15¾- —
50-999 lbs., E. dlvd.. b. .16 - —
phthalate-treated, bgs., c.l., (20 tons), E. frt. alld..lb. .23 - —
Pac. cst., f.o.b. terminal.....lb. .23 - —
l.c.l., 5 tons, E. dlvd....lb. .23¼- —
Pac. cst., ex whse...lb. .23¼- —
1,000-9,999 lbs., E. dlvd..lb. .23½- —
Pac. cst., ex whse....lb. .23¾- —
50-999 lbs., E. dlvd.....lb. .23¾- —
Pac. cst., ex whse...lb. .23¾- —
under 50 lbs.....lb. .26 - —
bbls., c.l. (20 tons), E. frt. alld...lb. .23¼- —
l.c.l., 5 tons, E. dlvd...lb. .23½- —
1,000-9,999 lbs. E. dlvd..lb. .23¾- —
50-999 lbs., E. dlvd....lb. .24 - —
pigment, barium, calcium, or magnesium base, c.l., E. frt. alld.....lb. .05⅝- —
Pac. cst., f.o.b. terminal. lb. .05⅝- —
l.c.l., dlvd.....lb. .05⅞- —
Pac. cst., ex whse..lb. .05⅞- —
under 50 lbs., E. dlvd.lb. .06⅜- —
bbls., c.l., E., frt. alld...lb. .05⅞- —
l.c.l., E., dlvd.....lb. .06⅛- —
Tolidin base, distilled, bgs....lb. .86 - —
Tolu, balsam, cns.....lb. .44 - .45
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .27 - —
tanks, E. of Omaha, frt. alld. gal. .22 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .22 - —
Nitration, dms., wks.....gal. .23¼- —
tanks, E. of Omaha, frt. alld. gal. .23½- —
Tonga vine, NF, bls.....lb. .30 - .35
root, bls.....lb. .40 - .41
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Triacetin, dms. .....lb. .26 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .80 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works .....lb. .46 - .48
Tributylamines, dms., l.c.l., works lb. .70 - —
Trichloroethylene, dms., c.l., works, frt. alld. Zone A..lb. .09 - —
l.c.l., dms.....lb. .095 - —
Zone B, c.l.....lb. .105 - —
l.c.l., dms.....lb. .110 - —
Zone C, dms., l.c.l.....lb. .105 - —
Zone A is East of the Rockies; B takes in Rocky Mountain States, and Zone C represents Pacific Coast States.
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., 1, dms., c.l.....lb. .24½- —
500 lbs. dms.....lb. .25 - —
less than 500 lbs., dms..lb. .28 - .39
2, dms., c.l.....lb. .23½- —
500 lbs., dms.....lb. .24 - —
less than 500 lbs.....lb. .27 - .38
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double-grd., bgs., c.l., works. ton.16.00 - —
once-grd., bgs., c.l., works..ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., wks..lb. 2.80 - 3.00
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs. .....lb. 1.85 - 1.95
Turmeric root, Alleppey, bgs..lb. .05½- .06⅞
Madras, bgs.....lb. .06¼ Nom.
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .27 - —
l.c.l., 10, ex dock.....gal. .29 - —
5, ex dock .....gal. .31 - —
wood, dest. dist., dms., dlvd. E. cities, ports..gal. .22 - .24
tanks, dlvd. E. cities....gal. .20 - —
steam-dist., dms., c.l., dlvd.gal. .27 - —
l.c.l., dlvd.....gal. .30 - —
tanks, dlvd.....gal. .22 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, kgs.....lb. 1.75 - —
Urea, dom., 46 + % N. bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
Import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14½- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports. NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .08½- .09

V

Valerian root, bls.....lb. .08½- .09
Valonia, beards, bgs., shipt..ton.47.00 - —
Cups, bgs., shipt.....ton.30.00 - —
extract, powdered, 63%.....lb. .06 - —
Vanilla beans, Bourbon, tins..lb. 3.90 - 4.50
Mexican, tins.....lb. 4.50 - 5.00
cut, tins.....lb. 3.75 - 4.00
South American, tins.....lb. 3.75 - 3.80
Vanillin, ex eugenol, 25-lb. tins, lb. 2.10 - —
5-lb. tins.....lb. 2.20 - —
Vanillin, ex guaiacol, 10c. per lb. less
Venice turpentine, true, cs....lb. .42 - .44
Verdigris, bbls., kgs.....lb. .22 - .23
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .40 - .41
Tree bark, bls.....lb. .22 - .23
Wattle bark, bgs., shipt.....ton.39.75 -41.75
Extract, bbls. .....lb. .04⅝-
Wax, bayberry, import, bgs...lb. .16⅞- .17
Bees, white, bleach, slabs, cs., 500 lbs. .37 - .39
yellow, crude, Africa, bgs., lots of 10..lb. .20½- .21
1 bg.....lb. .21 - .21½
Brazil, Chile, bgs., 5-10 tons, lb. .22 - .22½
1 ton.....lb. .22½- .23
500 lbs. .....lb. .24 - .24½
100 lbs.....lb. .23 - .23½
refd., slabs, cs., lbs.....lb. .32½- .33
Candelilla, bgs., 1 ton.....lb. .15 - .15½
jobbing lots.....lb. .15½- .16
Carnauba, No. 2, chalky, bgs., 1 ton..lb. .33½- .34½
5 bgs.....lb. .34 - .35
1 bg.....lb. .34½- .35½
N. C. 2, bgs.....lb. .37 - .37½
N. C. 3, bgs., 1 ton.....lb. .33½- .34¼
5 bgs.....lb. .34 - .35
1 bg.....lb. .34½- .35½
refined, bgs.....lb. .38 - .38½
yellow, No. 1, bgs., 1 ton..lb. .42½- .43
5 bgs.....lb. .43 - .43¼
1 bg.....lb. .43½- .44
No. 2, bgs.....lb. .41½- .42
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots .....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10¾- .11
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11⅛
less than 1 ton.....lb. .11½- .12

Soda Sulphoricinoleate—Yellow

Wax, ozokerite, hard green, congeal. p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .22 - .23
cakes, cs. .....lb. .23 - .24
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .06 - .06¼
White precipitate, powd., 5-lb. bots..lb. 1.59 - —
dms., 50 lbs., or more...lb. 1.46 - —
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grnd., blp., bgs., c.l., works..ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60- 18.50
Paris white, blp., bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.60 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white).
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis.ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis.....ton. 6.25 - —
gilders, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs., (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works. ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06 - .07
thin, natural, bls.....lb. .06 - .07
rossed, green, bls.....lb. .09 - .10
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
Leaves, bls.....lb. .07 - .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton.22.00 - —
80 mesh, bgs., ex dock....ton.24.50 - —
100 mesh, bgs., ex dock...ton.27.50 - —
120 mesh, bgs., ex dock...ton.30.00 - —
Wormseed, American, bgs.....lb. .10 - .11
Levant, bgs.....lb. 3.70 - 3.75
Wormwood, bls.....lb. .08 - .09

X

Xylol (xylene), indus., dms., works..gal. .31 - —
tanks, E. of Omaha, frt. alld., gal. .26 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .26 - —
nitration, dms., wks.....gal. .42 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .33 - —
5°, dms., works.....gal. .37 - —
tanks, E. of Omaha, frt., alld., gal. .32 - —
10°, dms., works.....lb. .34 - —
tanks, E. of Omaha, frt. alld., gal. .29 - —
Xylidin, mixed, dms.....lb. .36 - .36

Y

Yara yara, cryst., cns.....lb. 1.26 - 1.30
Yellow, cadmium, CP, import., bxs..lb. 1.50 - 2.50
lithopone, all shades, bbls. 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. .85 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts....lb. .14½- —
open order .....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

—Continued on page 34

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New Industries Not Enough

There are those, themselves the creatures of relatively new industries, who argue that the only way in which business can be restored to the manner of living to which a goodly part of it had become accustomed a decade ago, lies in the development of a new industry, and then another new industry, and so on. These advocates of continuous rejuvenation of the body of business argue well, and with more than a little soundness.

There are those who have no practical experience in the field of distribution, who argue that the business achievements of the future must come in the nature of better-developed distributive processes if they are to be of sustaining use to business. The advocates of new and more new industries do not share this belief—they know what a saturated market means. But, many practical sales executives are in agreement with the asseveration that the problems of distribution offer the most promising results in their solution.

There is a deal of conjecture in this assumption; there is also in it much truth. The processes of distribution lag far behind those of production and those of introduction. But, what would be the net result of their commensurate development none can definitely say. It is clear that new industries must draw their sustenance largely from those previously in existence. They have a marked effect on the general economic equilibrium, and sometimes this is disastrously destructive. None can state with certainty the net quantitative effect of the introduction of the industries that were new a few decades ago. Qualitatively their aggregate effect has been improvement, but their net value is never so great as it is pictured.

The one reason why the efficacy of new industries is more readily accepted than is that of better distribution is mainly one of failure to present a practicable plan of distribution and to show that it possesses an ultimate value desirably in excess of the damage it must immediately do to the existing system. It is not strange that this condition, which obtains in respect of new industries, has been less of a handicap in that connection. There are so many more individuals to be adversely affected by a change for the better in distributing practice.

Lessons in Distribution

Whatever the basis of his hopes for the future of business, every person engaged in a distributive role knows that to keep on getting out of the still unsatisfactory conditions, he must improve his processes. There are but few who honestly cling to the old, but still existing, belief that the expansion of a market must be effected by a pull from the perimeter, rather than by a push from the center. The former is helpful, but demand must be created and maintained—it does not spring up, like Minerva or Topsy, readymade.

Distribution comprises a hundred forces. It is the great number of these and the concomitant difficulty of coordinating them that chiefly perpetuates the problems of distribution. Their numerical influence is aggravated by the widespread failure to understand the nature of more than a few of these forces, and to understand the few in other than a superficial manner. This situation is complicated by the multitude of advice scattered or intimately and expensively conveyed with respect to effective selling methods.

The situation calls loudly for improvement, if not basic, then functional. A deal of valuable advice toward this need is to be offered in the conference on distribution in Boston next week. Naturally there will be in a program of some thirty topics considerable conflicting advice and opinion. Those who hear the discussions—and to hear them will be a good intention for every person engaged executively in distribution—will have difficulty in properly evaluating what is offered to them. It is evident from the program that straight thinking cannot be expected to control in certain instances—the special pleader is always with us.

But, the conference as a whole will well repay attendance, even though those who are interested in the purpose of fair trade laws probably will find that these are opposed with, at least, forensically more conviction than they are defended. Particularly informative should be the discussions on statistical data and those on the influence of consumer cooperatives. It is interesting to note that one speaker is expected to question and perhaps dispute the belief that the broader dissemination of statistical information has aided in the stabilization of business. Understanding is still the controlling factor of the value of information.

The Boston conference will afford many opportunities for interpretation of useful information. These, of course, will be used as individual needs dictate. But, the net influence of the discussions may well be expected to be in the direction of better distributive practice. The possibility of this makes the conference of great and timely importance.

—O-P-D—

Partnering The Farmer

Fertilizer manufacturers are partners with farmers in "most transcendent enterprises," a soil-improvement conference was told recently by the studious executive officer of those manufacturers' national organization. This information is axiomatic; but, like many other fundamental economic truths, it is not adequately accepted, and still less appropriately applied.

The spokesman for the fertilizer industry might fittingly have included manufacturers in many other divisions of the chemical field in the partnership which he postulated. In truth, every manufacturer is a partner of the farmer; and for some of them this relationship is far more intimate and important than that which links all producers, all distributors, and all consumers in an economic entity. These all must be in the fabric, or it is far from sound.

There are questions that come up in thoughts of this partnership of manufacturing industry, especially the chemical industry, with the agricultural industry. The prime question is whether manufacturing industry gives *quid pro quo*. Does the fertilizer industry, for example? Of course, fertilizers help the farmer to operate more easily and more fruitfully. That is help for him from the fertilizer industry. Does that industry help him in his greater need—that for more efficient marketing of his products? Does that industry, or those which make a profit by selling to fertilizer manufacturers, buy all they reasonably could use in the class of agricultural products?

The chemical industry and agriculture are much alike in that each contributes something to the life of everybody. This makes their partnership a comprehensively mutual one. In it neither partner should be a "silent" one.

The agricultural industry has not escaped the common fate of manufacturing industries to feel quite severely at certain places the effects of developments made by the chemical industry. Economics is a hard master, at best; it is sometimes a tyrant when under the influence of what is popularly known as progress—and is deserving of this designation in large part. A partnership in which one of the parties seeks its own advantage from the other is economically commonplace; but it is not economically good. There is much that is better in a manufacturer-farmer partnership in which the expediency, or worse, of a single, gradually depreciating crop, such as cotton, is eliminated by precept and practice that will make desirable the growing of peas, tomatoes, soybeans—any number of plants for the fruit of which there is an ultimate or intermediate consuming market, and whose stalks can contribute to a bigger market for cellulosic products.

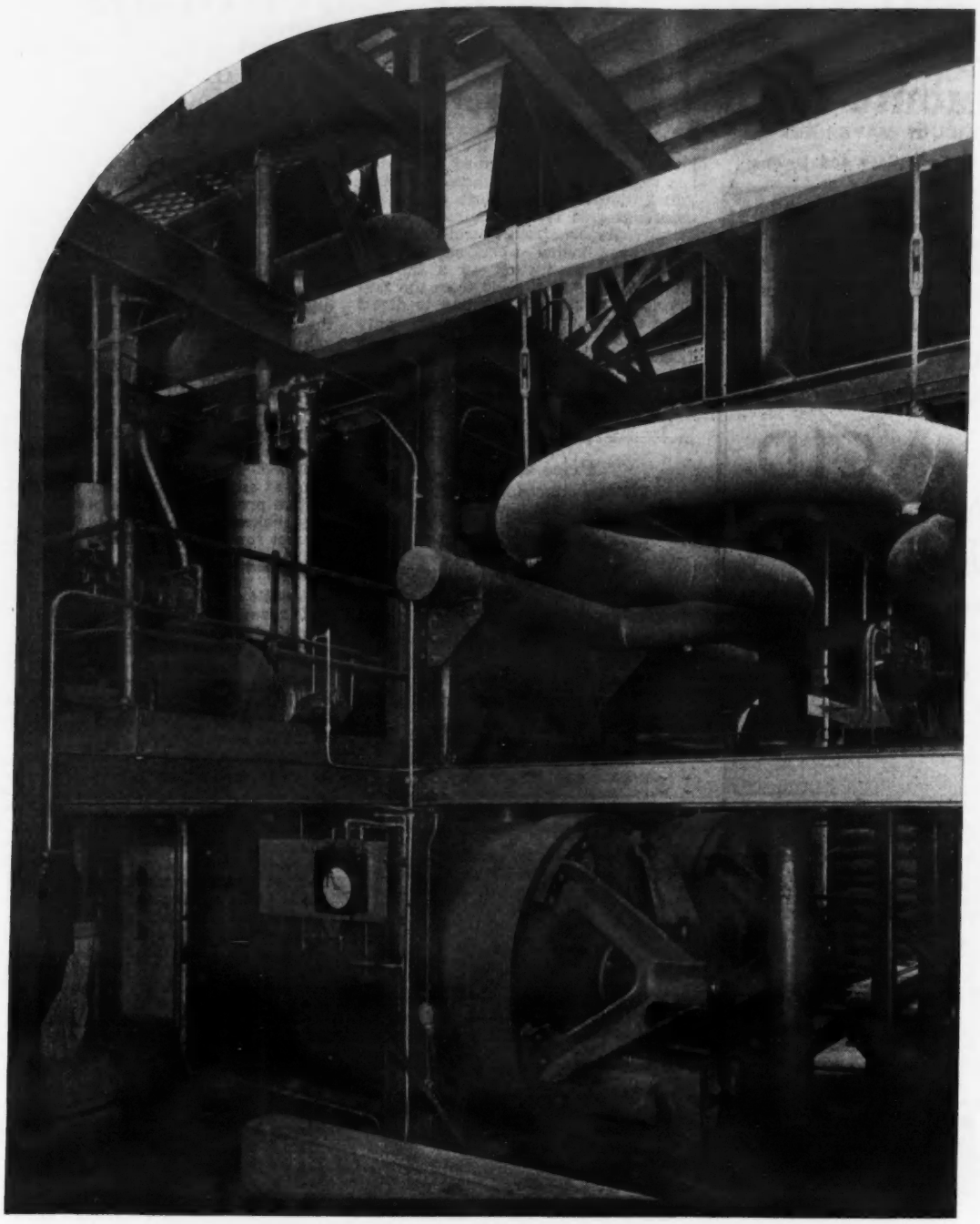
—O-P-D—

Discounts Must Be Justified

The status of quantity discounts under the Robinson-Patman act has been more conjectural or hopeful than definite during the more than two years that this statute against price-discriminations has been in effect. There is, at least, information in the matter in the findings of the Federal Trade Commission that special discounts allowed by a lock manufacturer are not justified by any lower cost of the sales to which they were applied.

It is clear that the act requires all favorable differentials in prices to have a foundation of factual savings in contributory costs. This applies to directly lower quantity prices, as well as to quantity discounts. Justification of these differentials requires the backing of cost-accounting records that will stand searching analysis.

There is always the probability that price differentials are not of substantial advantage to the favored buyers. It is likewise probable that they lack at least the geographic element of competitivity. But, the cost figures behind lower quantity prices or quantity discounts must have some supporting value if trouble is to be avoided.



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Heavy Chemicals

Cyanides and Plating Materials Improve — Copper Advanced —Oxides of Copper Higher—Uranium Oxide Sharply Up —Tin Salts Firmer—Alkalies Continue Active

A gradual uptrend in the market for heavy chemicals continued unabated last week. A moderate improvement in Fall business in most basic consuming industries was reflected almost immediately. Reports from Detroit indicated that commitments were starting for new model production on a broader scale. The market, aside from the favorable industrial picture, had to digest some alarming news from abroad, where war tension continued at a high level. Locally, the trucking strike was getting out of hand, with some outlaw strikes reported, and interstate trucking halted. Price changes were on the upside, electrolytic copper, red and black oxides of copper, uranium oxide, Straits tin and anhydrous tetrachloride of tin provided the higher quotations.

Cyanides and other plating materials were reported definitely improved, with the movement of material for the electroplating and case hardening trades making its appearance in fair volume. Alkalies maintained a gradual improvement, the textile, glass and paper trades were reported making better withdrawals. Alums were described as moving at a satisfactory level. Metals displayed strength in view of the better demand abroad, with copper and oxides of copper fractionally higher. Tin salts were firmer. Uranium oxide advanced because of conditions abroad. Commercial demand for blue vitriol was well sustained. Calcium chloride experienced a seasonal lull. Manganese ore received more attention as threats of war increased the demand from Brazil by European countries. A generally better tone was reported for potash carbonate. Demand for acetic, chromic and battery acid noted some improvement. Buying of sulphuric acid continued to mark time. Calcium arsenate and other agricultural insecticides and fungicides noted comparatively little interest.

No definite word was received of a general motor truck strike, but indications of outlaw strikes were reported in various parts of the city. Interstate trucks were reported on a strike. In the meantime, union representatives and company officials were meeting in an endeavor to reach some kind of a compromise.

Alums.—Movement of the various alums into major consuming channels proceeded at a steady pace throughout the past week. Alumina sulphate commercial and iron-free were reported as moving at a satisfactory level; ammonia and potash alums likewise received a fair share of attention. The market offered nothing new relative to prices, and a steady to firm tone remained in evidence.

Ammonia, Aqua.—Shipments were moving at a fair level in most sections, with the call from some consuming channels in line with better operating schedules. No change was disclosed in the prices.

Ammoniac, Sal.—The call for the white and gray material was at moderate levels for the most part. Evidence of slight improvement was noticeable, however, in the dry battery trade and other consuming industries. Pricewise the market lacked a particular feature.

Antimony.—The situation in the market for domestic antimony showed little deviation from recent weeks. There has been no apparent demand for war material purposes as yet, while demand from the battery trade has not made its appearance to any extent. However, replacement battery makers are operating at an active pace, and with automotive production tending upward battery makers will no doubt come in the market for heavier commitments. The price was unchanged at the 11¼c. per pound level.

Arsenic.—The market for white and red arsenic was steady to firm last week. Business in the white material was maintained at moderate levels, with the chemical processors, glass and ceramic trade providing the bulk of the business. Tanning interests were displaying a fair demand for the red arsenic.

Barium Salts.—The call for various barium derivatives was described as only fair. Barium carbonate continued spotty; chlorate was receiving only routine attention; dioxide was moving for bleaching purposes at a satisfactory level. There was not a great deal of feature to the market for barium fluoride and fluosilicate. No changes were recorded in the market.

Blue Vitriol.—Aside from the normal decline in horticultural demand, the market continued to give a good account of itself. A satisfactory volume of orders were reported from important commercial consumers to offset the lag in agricultural demand. The recent advance in the price of the basic metal had a tendency to firm the price structure.

Calcium Chloride.—The market was experiencing the usual lull between the Winter and Summer season. Withdrawals for dust control work has been fairly well completed, while demand from jobbers and distributors for ice control work has not begun to any extent as yet. Demand for other purposes was reported at steady levels. Quotations were well maintained at previous levels.

Chlorine.—Interest in the market was well sustained from major consuming channels. Chemical processors, textile, water sanitation and paper trade provided the majority of the business. Current operations for most paper manufacturers were expected to increase shortly, especially kraft papers, since converters' commitments are low and they are about to enter a new season. A steady to firm price tone prevailed.

Copper.—Domestic copper producers advanced the price of refined copper ⅛c. per pound to 10¼c. per pound. The advance could be attributed to the rising export prices and the favorable statistics for August. In the foreign market copper was quoted at 10.43c. per pound, following large sales of the metal abroad. Germany and Japan have been large buyers of copper wanting it for prompt shipment presumably to build up metal supplies for military purposes. World stocks of refined copper at the end of August were 494,524 tons, compared with 523,196 on July 31, a drop of 28,672 tons, according to the Copper Institute. Blister stocks increased 1,772 tons, making the net decrease in August 26,900 tons. Domestic stocks of refined copper were 315,191 tons, on August 31, a drop of 24,779 tons from the 339,970 tons on July 31. Domestic blister stocks were up 6,712 tons, making the net decrease last month 18,067 tons. Foreign stocks of refined copper declined 3,983 tons last month to 179,333 tons and blister stocks were down 4,940 tons, a net decrease of 8,833 tons. World refined production in August was 148,908 tons, against 139,483 tons in July, while deliveries to consumers increased 177,580 tons from 167,782 tons in July.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Copper, electrolytic, ¼c. per lb.
oxide, black, ¼c. per lb.
red, ¼c. per lb.
Tin, Straits, ¼c. per lb.
tetrachloride, anhy., ¼c. per lb.
Uranium oxide, yellow, 25c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
148.5	148.5	149.2	154.4

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.6	99.6	99.6	99.9

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Copper Salts.—Quotations for oxides of copper were advanced ¼c. per pound, making red, commercial, 50-75 percent oxide of copper 15½c. to 16½c. per pound, while black oxide of copper was 15c. to 16c. per pound. The increase reflected the recent advance in the basic metal. Other copper derivatives were unchanged, but a firmer price tone prevailed. Business was confined to moderate quantities as a rule.

Copperas.—Despite the gradual increase in steel operations, the market continued in short supply. Steel operations last week were scheduled at 45.3 percent of capacity, against 39.9 percent last week and 80.4 percent in the corresponding period last year.

Glauber's Salt.—Interest in this direction was sufficient to give the market a steady tone. The textile and dyestuff interests again provided the call. Prices were without alteration.

Manganese Ore.—With threats of war in Europe, more attention was focused in this market than heretofore. Reports from Brazil were to the effect that manganese sales have increased lately, with several European buyers closing deals for substantial quantities. Quotations were maintained at former levels.

Nickel Salt.—Some definite improvement was reported in the market last week. The call from the plating trade has commenced to make its appearance, especially from the automotive centers, where active preparations are in progress for the new model year. The active building program has also influenced the demand somewhat. A steady to firm price tone prevailed.

Potash Carbonate.—A generally better tone existed in the market throughout the past week. In most quarters improvement in the demand from some major consuming interests were more prominent than heretofore, with the betterment fairly well diversified. Price schedules were steady to firm.

Potash, Caustic.—The textile, soap and chemical processing interests were making fair size commitments throughout the past week. The market offered no feature pricewise, with a firm tone in evidence.

Potash Cyanide. — Withdrawals for electroplating and case hardening purposes commenced to make their appearance in better volume last week. The automotive industry was reported taking a more active interest. Prices ruled unaltered.

Potash Metabisulphite. — No price change was reported in this direction, despite the fact that some distress material had appeared. This situation, however, was said to have been of short duration and has not affected the scheduled prices.

Soda Ash.—Shipments were moving at a moderately improved pace to various consuming channels. The rubber, glass, paper and textile industries were making better inquiries from time to time. Quotations ruled unchanged. July exports amounted to 7,186,228 pounds, valued at $90,639, of which 398,402 pounds went to Canada; 3,111,902 pounds to Mexico; 397,674 pounds to Argentina; 1,344,348 pounds to China; 192,000 pounds to Cuba; 298,761 pounds to British India; 341,088 pounds to the Netherland Indies; 244,070 pounds to Hongkong; 183,880 pounds to Australia; 105,355 pounds to New Zealand, and 108,885 pounds to the Union of South Africa.

Soda Bicarbonate.—A steady interest prevailed in the market again last week, with the food industry supplying the bulk of the business. No change was disclosed in the quotations. July exports totaled 2,034,744 pounds, valued at $32,093, of which 1,019,291 pounds went to Canada; 490,729 pounds to Mexico; 107,464 pounds to Cuba; 73,368 pounds to Netherland West Indies; 85,330 pounds to Colombia; 61,372 pounds to Venezuela; 72,800 pounds to the Philippine Islands and 84,500 pounds to the Union of South Africa.

Soda Caustic.—Business was maintained at a gradually improved pace last week. The textile industry, glass and paper trades were reported making better commitments principally. Price schedules were maintained at previous levels. July exports aggregated 13,029,217 pounds, valued at $269,952, of which 1,223,366 pounds went to Canada; 3,016,850 pounds to Mexico; 641,188 pounds to Cuba; 1,369,941 pounds to the Netherland West Indies; 2,164,750 pounds to Brazil; 249,883 pounds to Chile; 131,013 pounds to Colombia; 105,000 pounds to Ecuador; 198,110 pounds to Peru; 244,660 pounds to British India; 129,570 pounds to Ceylon; 224,079 pounds to China; 1,761,988 pounds to Netherland Indies; 224,740 pounds to Hongkong; 758,075 pounds to the Philippine Islands; 157,140 pounds to Turkey and 95,035 pounds to the Union of South Africa.

Soda Cyanide.—Movement of material for the account of the automotive trade for electroplating and case hardening purposes made its appearance in fair volume last week. A gradual improvement was anticipated from this important source. Prices remained unchanged. July exports were 57,474 pounds, valued at $7,142, of which 33,000 pounds went to Mexico; 5,100 pounds to Canada; 16,831 pounds to Peru and 1,000 pounds to the Philippine Islands.

Soda Phosphate. — A fair amount of business was moving in the market last week. The call came chiefly from the textile, foodstuff, and leather industries. Quotations were maintained at previous levels. July exports amounted to 892,180 pounds, valued at $40,765 of which, 520,620 pounds went to the United Kingdom; 278,665 pounds to Canada; 11,200 pounds to New Zealand and 17,125 pounds to the Union of South Africa.

Soda Silicate.—Shipments were moving out at a steady pace for the account of the paper and textile trade last week. Quotations were without alteration, and a steady to firm tone remained in evidence. July exports were 538,923 pounds, valued at $11,444, of which 136,939 pounds went to Canada; 34,502 pounds to the United Kingdom; 100,000 pounds to Newfoundland and Labrador; 50,000 pounds to Cuba; 17,500 pounds to Argentina; 11,060 pounds to Venezeula, and 129,733 pounds to the Philippine Islands.

Tin Salts. — A firmer tone prevailed in the market for tin derivatives last week. Quotations for anhydrous tetrachloride of tin were advanced to 22c. per pound level; tin crystals and soda stannate were unchanged. Straits metal was quoted around 43¼c. per pound. Tin quota for the fourth quarter was set by the International Tin Committee at 45 percent, unchanged from the previous quarter, according to The Hague cables. While the tin quota stands at 45 percent, producers are allowed to ship only 35 percent to the market, the remainder going into the tin buffer pool organized to stabilize the market.

Uranium Oxide. — Quotations for the yellow material were advanced 25c. per pound to $1.75 per pound. The advance could be attributed to the conditions prevailing in the market abroad, rather than to any unusual demand in the market. Business continued to be confined to small quantities.

Acids

Transactions in the market for mineral acids showed slightly better interest in most sections last week. The better interest could be attributed to some extent to the improved inquiry from the automotive industry, while the textile and leather trades were displaying a fairly steady demand. Pricewise the market retained a steady tone, with prices unaltered. Sulphuric acid continued to mark time, with the outlook improved.

Acetic.—Business in the market continued to show moderate improvement as the result of improved operating schedules in most major consuming channels. Price schedules were unaltered.

Battery.—An improved inquiry was prevalent in this direction, reflecting the improvement in the battery trade because of replacement and new business recently. Prices ruled unchanged.

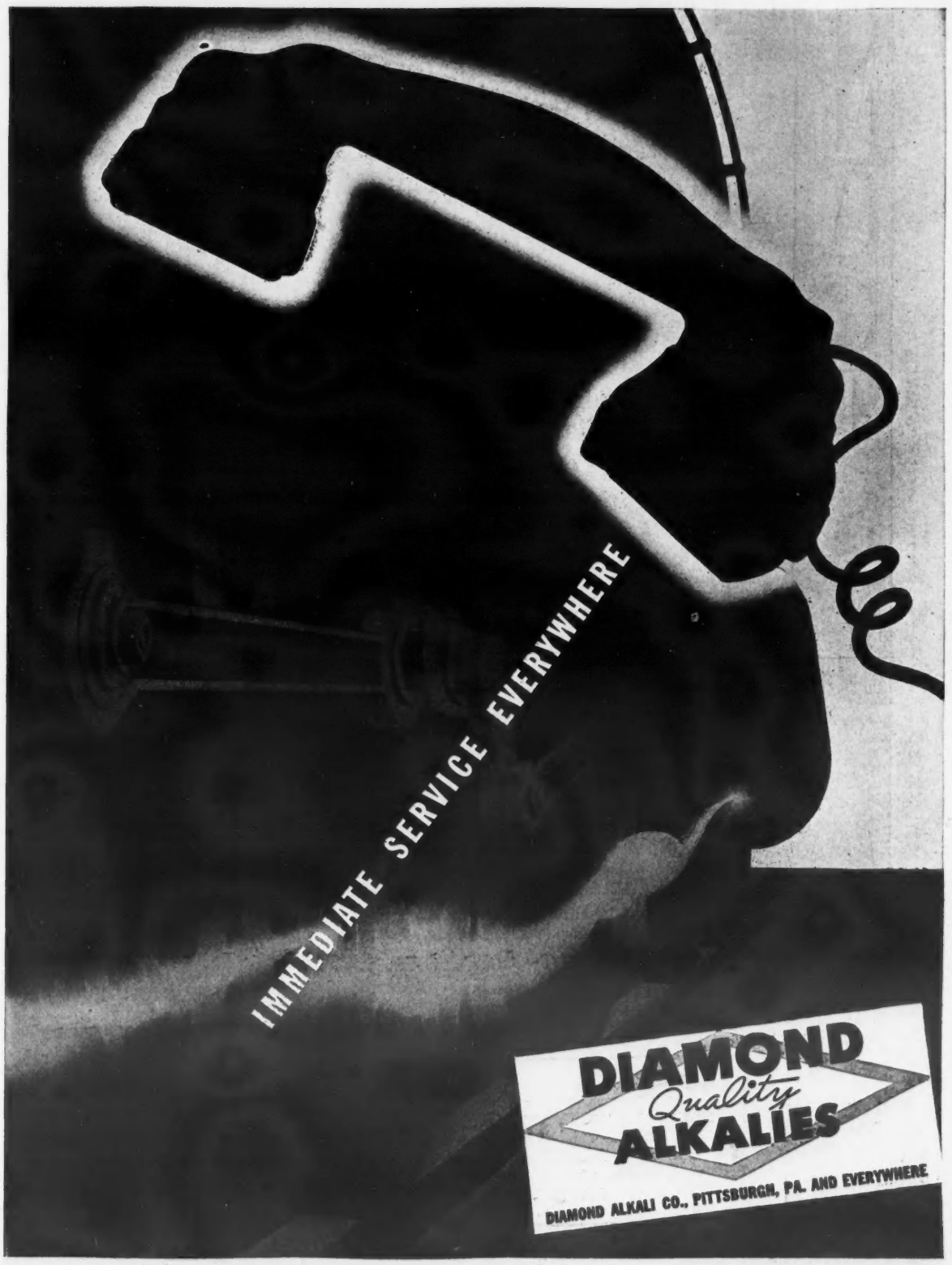
Chromic.—A better interest was uncovered in the market, some automotive business was reported for the account of the plating trade. Quotations were without change.

Muriatic.—The dyestuff, textile and rubber industry were described as showing a moderate interest in the market during the past week. Quotations were in conformity with the preceding period.

Nitric.—A steady interest prevailed in the market during most of the week, with large consumers making their appearance from time to time. Pricewise the market showed no change.

Sulphuric.—The market displayed very little change from the quiet conditions prevailing heretofore. The outlook for increased consumption by some important consuming channels continues highly favorable, however, but at the present time a policy of marking time remained in evidence. Price situation

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7



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ANNOUNCEMENT

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continued steady to firm. Statistics of sulphuric acid, based on data reported by 56 fertilizer manufacturers for the months of 1938, 58 for 1937, according to the Department of Commerce, shows July production by fertilizer manufacturers amounted to 109,969 tons, against 114,199 tons in June, 1938, and 166,927 tons in the same month a year ago. For first seven months production aggregated 1,003,233 tons, compared with 1,227,395 in the same period a year ago. Receipts during July totaled 42,747 tons, against 37,914 tons in June, and 60,645 tons in July, 1937. For the first seven months of 1938 receipts aggregated 276,262 tons, as against 430,723 tons in the same period last year. Consumption for July was 92,189 tons, compared with 102,228 tons in June, and 140,230 tons in the corresponding month last year. For the first seven months consumption totaled 826,101 tons, against 1,108,222 tons in the comparable period a year ago. July shipments amounted to 55,424 tons, contrasted with 53,723 tons in June and 87,811 tons in July, 1937. Stocks on hand at the end of July totaled 88,392 tons, against 83,289 tons in the preceding month, and 75,583 tons at the end of July, 1937.

Baltimore, Sept. 14.—New developments in the market for sulphuric acid were absent, with the demand irregular. The figures named are at $12 per ton for 60 degree and at $15 per ton for 66 degree acid, with oleum also unchanged at $17 per ton for 20 percent supplies.

Insecticides

There was comparatively little feature to the market for agricultural insecticides and fungicides last week. Calcium arsenate, which has been holding the spotlight for some months because of the lateness of the cotton crop and the wet weather, noted a slackening in demand. While the season for heavy withdrawals in the Southern States has passed, scattered demand was evident because of boll weevil activity up to a late date in some States. There was little to report in the market for lead arsenate. Nicotine sulphate was a routine affair.

Calcium Arsenate.—While the season for heavy withdrawals has passed in the Southern States, some scattered demand continued as the result of the lateness of the cotton crop, together with the wet weather which has favored boll weevil activity up to a late date. A steady to firm tone prevailed.

Lead Arsenate.—Seasonal conditions in most sections retarded heavy withdrawals of this material. A steady to firm price tone was in evidence.

Nicotine Sulphate.—Only a routine interest was witnessed in the market. Quotations were in conformity with the levels previously established.

Petroleum Ass'n Discusses Many Business Problems

—Continued from page 5

from court decisions as to what trade associations may and may not do under the law. Departing from his prepared address, and apparently directing his remarks to Senator O'Mahoney in the audience, Mr. Brand told of the troubles now facing his industry through the present government suggestion for competing with phosphate producers and for prohibiting exports of this natural resource, warning the oil men that this same situation might confront them in the near future if business does not maintain its organizations to keep zealous government officials from encroaching on their fields.

Officers Re-Elected

All officers and directors were re-elected for the following year, and the Board of Trustees was increased in size by the election of Noel Robinson of the Tide Water Associated Oil Company.

The re-elected officers are:—President, Charles L. Suhr, Pennzoil Company, Oil City, Pa.; first vice-president, N. H. Weber, Pure Oil Co., Chicago; second vice-president, H. A. Logan, United Refining Company, Warren, Pa.; general counsel, Fayette B. Dow, Washington; traffic attorney, Harry S. Elkins, Washington; attorneys, Horace L. Lohnes, M. C. Mallon and Joseph E. Keller, Washington; recording secretary, Herbert G. Eaton, Superior Oil Works, Warren, Pa.; treasurer, G. B. Hunter, Quaker State Oil Refining Corporation, Emlenton, Pa.

The Board of Trustees comprises:—John A. Beck, Paul G. Blazer, Wilbur Burt, H. M. Carruth, Sheldon Clark, Earl M. Craig, C. M. Davison, W. V. Hartmann, W. T. Holliday, G. B. Hunter, Otto Koch, C. J. Leroux, H. R. Lewis, H. A. Logan, E. G. Richardson, A. W. Scott, C. S. Smith, Chas. L. Suhr, N. H. Weber, R. A. Wotowitch, and Noel Robinson.

Symposium on Taxes

At a symposium on tax problems J. R. Edmonston, assistant manager of the tax department of the Gulf Oil Corporation, traced the history of decisions apparently extending the pipeline tax to the movement of petroleum products within plants and under conditions which were not previously considered to be transportation but are part of the necessary operations of manufacture.

Several important developments in social security taxation were reviewed by John E. Winslow of the Shell Petroleum Corporation. Since the Bureau of Internal Revenue has ruled that commission operators of bulk stations are employees of the oil company, many companies have had difficulty in separating gross commissions into taxable compensation and tax-exempt expenses.

The tax group voted to appoint a special committee of the association to work with employers in other industries in simplifying unemployment insurance systems, reducing the cost of their administration, and putting merit rating provisions into effect.

The group conference on traffic and transportation was devoted almost entirely to a round table discussion of the proposed new regulations for shipment of dangerous articles by motor truck just issued by the Interstate Commerce Commission. J. F. Winchester of the Standard Oil Company of New Jersey, who led the discussion, said that private trucks are on the verge of regulation by the Federal government, although this may not be generally realized by operators of private truck fleets. The plea of the railroads that trucking is driving them into bankruptcy will be used to accentuate this movement, he warned, but cited figures to show that trucking operations as a whole are as unprofitable as the railroad business.

Hazardous Trucking

A steering committee of the association was named to meet in New York next week with similar groups of the American Petroleum Institute, the Manufacturing Chemists Association of America, National Industrial Traffic League, American Trucking Associations, and any other groups interested, to decide on a procedure for presenting the case of shippers of dangerous articles at the October hearings before the I.C.C.

It was suggested that the commission be petitioned to amend its notice of hearing to delete the proposal that the hearings deal with application of the safety rules to private carriers, leaving the issue only their application to common and contract carriers. There appeared to be little criticism of the technical rules for packaging, packing and handling dangerous articles as applied to common and contract truckers.

The annual banquet of the association was held at the Traymore hotel Thursday evening, and the convention closed Friday morning when all those in attendance were the guests of the Ethyl Gasoline Corporation at a breakfast at the Seaview Golf Club.

Conway on Industry And the National Interest

—Continued from page 5

and debt. Yet they seldom, if ever, tell us that private financing, as it existed in the twenties, has practically ceased to exist all over he world, in comparable amount or quality. Briefly, the private capital markets no longer cover the necessary field.

Barron's Weekly recently published a chart showing the total of municipal, State, and new corporate capital issues from 1926 to 1931 and since that time the sum of municipal, State, private financing, and so-called "pump priming" expenditures of the United States government. Above the graph showing these totals was a line indicating Barron's business index. *Barron's Weekly* said:—

Attention is called to the remarkable correlation between the business activity and borrowing and spending, regardless of whether the borrowing is done by business or the government.

Barron's business index follows the pattern of this chart now, just as it did in the twenties. Business improved when financing was large and declined with low financing, regardless of whether the new lending was of private or governmental origin. In the face of these facts and the trend which is worldwide, it is imperative that business keep an open mind and be guided by the actual results and realities.

Business here and all over the world is facing problems never dreamed of twenty years ago, but I am optimistic because I believe business is solving and will continue to solve its problems and I believe in this country the punitive curtain is falling and the cooperative curtain is rising.

Changing Conditions Are Met

The problem of management always is to operate under conditions confronting it. Experience in world business convinces us we are more efficient if we think only of coping with actual conditions and not allow ourselves to be individually depressed on account of them.

It has been said that the only permanent thing in life is change. Whether this is demonstrable or not, we certainly are living in a changing world. We are in a great trial and error period in the world's history.

But to a greater or lesser extent this has always been so and always will be so. Normalcy and stability are words of nostalgic reminiscence and do not indicate actual realities. We long for the peace and quiet of the old days and, at the same time, we move farther away from them by improving our business methods each year.

This is change, and, as Mr. Kettering said recently in speaking of things that are new and interesting:—

Anything new is cuckoo. You can say "cuckoo" as much as you please, like the little bird in the clock, but the clock moves onward and the business of the world moves with it.

That is the philosophy of business management in which I believe and, if business follows it generally, we will soon find ourselves on the ascending curve of business prosperity.

Eighteenth Congress of Industrial Chemistry will be held in Nancy, England, September 22 to October 2. Sir Robert Mond will preside. Some of the subjects to be discussed include "Mining Explosives," "The Evolution of the Fertilizer Industry," and "The Centenary of Catalysis, with Especial Reference to the Kuhlmann Patents of 1938."

Prior Magazine Discusses Development of Matches

Priorities, the house organ of the Prior Chemical Corporation, this city, continues in the September issue with its series of stories on the part chemistry has had in the development of every-day articles of modern use. The current topic is matches. The story tells briefly of the various attempts to produce a satisfactory match and of the ultimate triumph achieved less than one hundred years ago.

Trade-Name Error

In the trade-names and brand names list in the 1938-39 edition of the Green Book, the designation, "Micronizer," is said to apply to chemicals, colors, and minerals marketed by Whittaker, Clark & Daniels, Inc. This is an error. The trademark, "Micronizer," is the property of the International Pulverizing Corporation, Moorestown, N. J., and is applied to grinding machinery. The term, "Micronized," is applied to its pulverized materials by Whittaker, Clark & Daniels, indicating that they are ground with "Micronizer" apparatus.

Dr. Carl W. Borgman, research engineer at the National Tube Research Laboratories, Pittsburgh, will head the chemical engineering department of the University of Colorado, Boulder, this Fall. He will fill the office made vacant when Dr. Henry L. Coles resigned to accept a similar position at the University of Alabama.

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Coaltar Chemicals

Mild Improvement Noted in Most Sections of the Market—Lacquer Trade Showing More Interest in Solvents—Intermediates And Colors Moderately Active

Dealings in the market for coaltar chemicals showed some irregularity last week. Improvement was reported in most sections of the market, coaltar solvents, intermediates and colors gave the best indications of revived consuming interest. The outlook for additional betterment seemed brighter, with the automotive industry expected to provide the chief stimulus. Pricewise the market failed to record any fluctuations, but a steady to firm tone prevailed.

Demand for coaltar solvents, such as toluol and xylol, was definitely improved. The call from the lacquer trade showed quite a general pick-up, with the automotive and furniture industry reported as the chief factors. Supplies were adequate to meet the demand, despite the low operating schedules of producers. However, benzol presented the same situation as has existed for many weeks, namely, a shortage of material to meet the needs of important consumers promptly. Improved steel operations were a help to the statistical position, but the output was not sufficient to alter the depleted stock situation of producers. Transactions in cresylic acid were still on a restricted basis. Phenol was fairly well taken from some consuming sources. Crude and refined naphthalene displayed comparatively little feature. A routine interest still existed for creosote oil. Cresol met with only a fair demand. Carbazole was moderately taken by dyestuff and intermediate manufacturers. Tar acid oils lacked any renewed buying interest of consequence.

Coaltar intermediates were moving fairly steadily in the dyestuff trade. Alphanaphthol was steady. Shipments of anilin oil were moving at a fairly even pace. A slight pick up was reported for phthalic anhydride. Coaltar acids were steady to firm. Coaltar colors were moving at a comparatively good level with demand from most textile consuming interests holding steady.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
125.9	125.9	125.9	127.3

Market news that may have developed since this report was sent to press will be found on page 4.

Basic Products

Benzol.—Conditions in the market for benzol showed relatively little change, with supplies inadequate to cope with the demand. Sellers continue to report difficulty in filling large size orders promptly. A good demand exists in the export market, too, and similar difficulty was encountered from time to time. The price position of the market remained firm. Steel operations in the United States resumed their upward trend last week with output scheduled at 45.3 percent of capacity, compared with 39.9 percent in the preceding week at 80.4 percent in the corresponding week a year ago. The outlook for increased steel operations continue bright, especially in view of the fact that automotive builders are swinging into production of new models, and substantially larger orders from motor car manufacturers is looked for shortly. The recent upward trend in steel operations has been of some help to the benzol market, but still falls short of actual production requirements.

Carbazole.—Dyestuff and intermediate manufacturers were exerting some interest in this direction recently. Commitments were held to moderate proportions in most instances. Price schedule was without alteration.

Creosote Oil.—The market failed to display any more than a routine interest from major consuming sources. There was little disposition to make commitments beyond nearby requirements. Quotations were mained at levels previously in force.

Cresol.—Business in the market was described as only fair for the various grades of cresol. The disinfectant and synthetic resin trades were showing only modest interest, while dyestuff manufacturers were coming into the market for moderate quantities. No change was reported in the quotations.

Cresylic Acid.—Transactions in the market were still on a restricted basis. Orders from principal consumers were kept down to actual requirements only. Domestic quotations were unaltered. There was little of importance to report in the foreign market, and the undertone continued easy.

Naphthalene.—There was comparatively little feature to the market for refined and crude naphthalene. Chemical processors, disinfectant trade and other consumers were apparently content to mark time before making substantial commitments. Prices ruled unchanged. The imported material continued to lack any particular demand, despite the easier price tone.

Phenol.—A fair interest continued to be mainfested in the market last week. The call came chiefly from the dyestuff, and intermediate manufacturers and pharmaceutical trade, with the plastic and synthetic resin industry showing only mild interest in the market. A steady to firm price tone prevailed.

Tar Acid Oils.—Business in the market for the various grades of tar acid oils failed to show any renewed buying interest at this time, and dealings were chiefly of a routine character. Quotations were in conformity with the preceding week.

Toluol.—Sellers could point to a definite improvement in the demand last week. There was indications of some buying for the account of the automotive industry and the furniture trade. A steady to firm price tone was in evidence.

Xylol.—The market enjoyed a fairly active demand from the lacquer trade, some interests long absent from the market made their appearance, while others were making replacements more frequently. Prices ruled firm.

Chicago Coaltar Bases

The general market situation of coaltar bases seems somewhat nervous and jumpy, with some uncertainty reported. Supplies are being expanded slowly by the pick-up in steel industry operations, but in general this is having apparently little effect. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10½c. to 11c.; toluol, 23c.; 10-degree xylol, 26c.; solvent naphtha, 26c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic. — Movement of the refined and technical material was reported at fairly steady levels for the account of dyestuff and intermediate manufacturers. Quotations ruled steady to firm.

Broenner's. — Price tone continued firm in the market last week. Commitments were maintained at moderate levels for the most part.

Cleve's.—Interest in the market was at fair levels throughout the week under review, with small quantities chiefly the rule. Pricewise the market lacked any particular feature.

Salicylic.—The technical material enjoyed a moderate demand from various consuming channels during the past week. There was nothing new to report in the price situation.

Sulphanilic.—The market was receiving a fair amount of attention from principal consuming interests, with the demand concerned with moderate withdrawals. Prices ruled unchanged.

Other Intermediates

Alphanaphthol.—Sellers could point to a steady interest in the market, although commitments were held to

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

nearby requirements. Price tone was steady to firm.

Anilin.—Shipments were moving into consuming channels at a fair pace, with interest showing signs of broadening in some sections. No change was reported in the quotations.

Anthraquinone. — Business was reported at a fair level throughout the past week. Dyestuff manufacturers were taking a more active interest in the market generally. Quotations ruled unchanged.

Betanaphthylamine.—Activity in this direction was somewhat improved, but small quantities usually made up the call. Prices were without alteration.

Dinitrochlorobenzene. — Usual consumers were making their appearance quite frequently for commitments commensurate with improved operating schedules. No change was diclosed in the quotations.

Monochlorobenzene. — A steady to firm price tone prevailed in this direction, and business was holding at moderate levels.

Nitrotoluene.—The market was described as moderately active throughout the past week. Sellers report a revival of interest from some quarters. Quotations ruled firm.

Orthotoluidine. — Quotations were maintained at previous established levels. Business was along routine lines for the most part.

Phthalic, Anhydride.—Sellers report a slight pickup in this direction recently. The synthetic resin industry has shown a more active interest, while other consumers were making fair commitments. Price tone was firm.

Xylidine.—There was nothing new to report in the market last week. Business was held to nearby requirements only, and quotations were without change.

Coaltar Colors

Movement of coaltar colors into various consuming channels was on a comparatively good scale last week. Sellers could point a steady demand from most textile consuming interests. Labor disturbances in the New Jersey silk mill area were expected to be of short duration. Pricewise the market continued to display a steady to firm price tone, and changes were conspicuous by there absence. Imports of coaltar dyes into the United States, entered for consumption, decreased to 1,221,348 pounds, valued at $1,603,253 in the first six months of 1938 from 1,903,331 pounds, valued at $2,572,927 in the corresponding half of 1937 and 1,502,193 pounds, valued at $2,156,483 in the January-June, 1936, period. Germany and Switzerland were the principal importers shipping 676,331 pounds and 501,810 pounds, respectively, compared with 936,122 pounds and 879,182 pounds in the corresponding six months period of 1937.

N.Y. Production Club Hears About Tung Oil

The New York Paint and Varnish Production Club opened the new season with a dinner meeting held September 15 at the Building Trades Employers' Association, this city. Dr. Joseph Mattiello, of Hilo Varnish Corporation and vice-president of the club, addressed the gathering of 166 members and guests on oiticica and tung oils. Frank W. Lovejoy, general sales manager of Socony-Vacuum Oil Company, spoke on merchandising and marketing.

Frank Brown, of John McQuade & Co., and Phillip Ashen, of the Alco Manufacturing Company, were admitted to membership in the brief business session of the meeting.

Alkali Plant for India

The Burma Lime & Chemical Company, Ltd., of which Bhatter Chunder & Co., Calcutta, is the managing agent, has been formed with a capital of one million rupees. An up-to-date factory for the manufacturers of hydrated lime and, eventually, carbon dioxide, precipitated chalk, sodium bicarbonate, caustic soda, bleaching powder, mineral acids and halogen compounds is to be erected in Calcutta. The order for the machinery for the lime plant has been placed in France, according to office of the American trade commissioner in Calcutta.

International Products Corporation is overhauling its quebracho factory at Pinasco, Paraguay. The work, including the installation of additional equipment, was expected to be completed at the end of 1938.

These exclusive features of

J & L CXP BENZOL

increase your production, cut processing costs and assure you a better product

Here is a Benzol completely free of corrosive compounds—that will keep your stills running on a continuous maximum production basis—with fewer shut-downs for cleaning.

J & L CXP Benzol is made by an exclusive process giving it a high degree of purity that marks it as one of the outstanding chemical achievements of the day.

You are assured better distilling operations, lower operating costs and increased production by using J & L CXP Benzol—always uniform and always consistent.

J & L CXP Benzol has the following critical properties guaranteed—Freezing Point 5.30° C—Boiling Range, less than 1° C—Bromine Index 3.

Write us on your letterhead and we shall be glad to send you a free sample of J & L CXP Benzol.

J & L—ALWAYS MAKING FINER CARBON STEELS FOR NEW AND BETTER USES

JONES & LAUGHLIN STEEL CORPORATION

PITTSBURGH PENNSYLVANIA

MAKERS OF HIGH QUALITY IRON AND STEEL PRODUCTS SINCE 1850

when you are in the market for anything

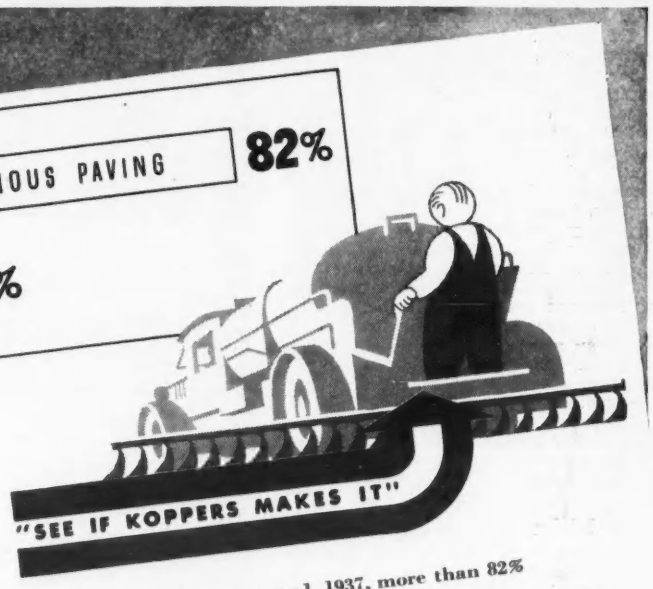
SEE IF KOPPERS MAKES IT

KOPPERS CHEMICALS AND SOLVENTS

Benzol (all grades) . . . Toluol (Industrial and Nitration) . . . Xylol (10° and industrial) . . . Solvent Naphtha (including High Flash) . . . Phenol (82% and 90% Purity) . . . Cresol (U. S. P., Resin and Plasticizer Grades) . . . 3° Meta Para Cresol . . . Cresylic Acid (Disinfectant Grades—98%, pale low-boiling. Insecticide Grades—98%, pale, high-boiling) . . . Naphthalene . . . Shingle Stain Oil . . . Refined Tars . . . Tar Acid Oils . . . Pitch Coke . . . Industrial Coal Tar Pitches . . . Flotation Oils . . . Creosote

OTHER KOPPERS PRODUCTS

Tanks and Tank Work . . . Benzol Recovery Plants . . . Naphthalene Removal Apparatus . . . Phenol Removal Apparatus . . . By-Product Gas Plants . . . By-Products Recovery Apparatus . . . Sulfur Recovery Apparatus . . . Coal Tar Roofing Materials . . . Waterproofing and Dampproofing Materials . . . Tarmac Road Tar Materials . . . Bituminous Base Paints . . . Coal . . . Coke . . . Fast's Self-aligning Couplings . . . Fire Hydrants . . . Piston Rings . . . Gas, Air and Water Valves . . . Pressure-treated Lumber



In the five years ending January 1, 1937, more than 82% of all the hard-surfaced construction added to the state highway systems in this country was bituminous surfacing.

An appreciable portion of this was built with Tarmac, the coal tar paving material produced by Koppers. Tarmac surfaces are skid-resistant. In addition to new construction, Tarmac is also used to render slippery streets and highways skid-resistant by the application of an inexpensive surface dressing.

KOPPERS COMPANY, Pittsburgh, Pa.

Obituaries

Charles M. Bundy

Charles M. Bundy, head of the C. M. Bundy Company, private formula manufacturer for the drug and chemical trade, Indianapolis, Ind., died unexpectedly in Mackinac, Michigan, September 13.

Mr. Bundy, long identified with the rug industry, gained his first experience in the business under W. B. McCullough, of Franklin, Ind., under whom he served two years, after which he attended the Cincinnati and Louisville Colleges of Pharmacy. On leaving college he went to work in the laboratories of Eli Lilly & Co., with which company he remained for eleven years, and during which period served for five years as assistant superintendent. Mr. Bundy then resigned to accept a position with the Upjohn Company, Kalamazoo, Mich., remaining with that organization for two years. In 1902 he went to Pittsburgh to put in the laboraratory for the Pittsburgh Physicians' Supply Company, which plant he managed until he resigned to take charge of the laboratory for Allaire, Woodward & Co., Peoria, Ill. He subsequently formed his own company. His wife survives.

Henry J. S. Hall

Henry J. S. Hall, president of the Fellows Medical Manufacturing Company, drug manufacturer, this city, died in his Summer home in Dorset, Vt., September 11. He was seventy-six years of age.

Born in this city, Mr. Hall, after working for some years with his father's firm, Hall & Ruckel, became president of the Fellows Medical Manufacturing Company. He was a former member of the New York National Guards, and a member of the Union League and Church Clubs. In 1896 he married Alice Reynolds, Elmira, N. Y., who died in 1905. His second wife, whom he married in 1912, survives, as does their son, and two daughters of the first marriage.

William Watson Hubbard

William Watson Hubbard, president of the Peerless Fertilizer Company, Chestertown, Md., died in his home in that city September 12, following a brief illness. He was seventy-eight years of age.

Mr. Hubbard has been in the fertilizer industry for more than sixty years and was one of the oldest, if not the oldest, men in the industry. He started to work in his father's fertilizer factory in 1876 and became a member of the firm of T. R. Hubbard & Son, Chestertown, in 1879. He subsequently organized the Hubbard Fertilizer Company, with a plant and offices in Baltimore. About 1918 he sold his interest in the latter company to return to Chestertown to become the head of the Peerless Fertilizer Company, which enterprise was started originally in 1875. Mr. Hubbard has been president of the National Fertilizer Association in 1911-12.

Surviving are his wife; one daughter, and a son, Wilbur Ross Hubbard, who is secretary and treasurer of the Peerless organization.

Richard Percy Strauss

Richard Percy Strauss, former president of the McKesson-Vogeler, Cincinnati, died in a hospital in Hot Springs, Ark., after a lingering illness. He was fifty-five years of age.

Born in Malvern, Ark., Mr. Strauss went to Cincinnati in 1913 from Malvern, where he had been engaged in the lumber business. He subsequently became head of the McKesson-Vogeler organization, and from which he retired as president six months ago because of ill health. He leaves his widow, two daughters and four brothers.

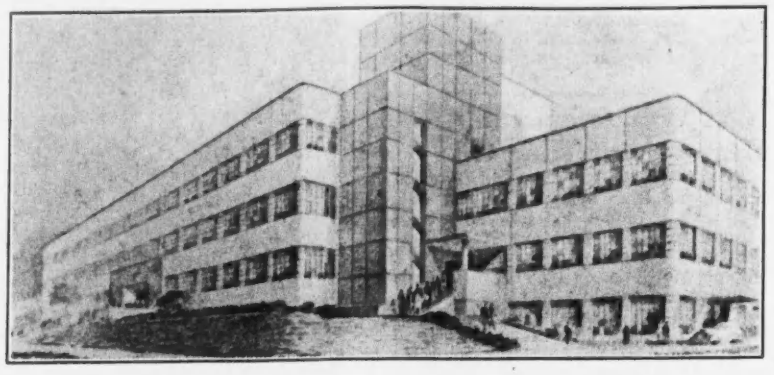
Sanford D. Leland, jr., manager of the merchandising department of the Texas Company, died in a sanitarium in Connecticut, following an illness of more than a year. He was thirty-nine years of age. Surviving are his wife and one daughter.

Walter H. McGeehan, public relations counsel for the Anchor Hocking Glass Corporation, Lancaster, Ohio, died September 11. He was thirty-seven years of age.

Germany plans the construction of a new wood-saccharification plant at Regensburg, Bavaria.

Squibb Institute To Be Opened Oct. 11

The new Squibb Institute for Medical Research at New Brunswick, N. J., will be formally opened October 11. The officers and directors of E. R. Squibb & Sons will be hosts at a reception and luncheon, and after the subsequent dedicatory exercises the new laboratory, pictured herewith, will be inspected.



The reception will start at 12:30 p.m., with luncheon at one o'clock. At 2:00 p.m., Carleton H. Palmer, president of E. R. Squibb & Sons, will welcome the guests. He will be followed by Dr. John F. Anderson, vice-president of the company and director of the Squibb biological laboratories, who will tell the purpose of the Squibb Institute for Medical Research.

Dr. George A. Harrop, director of the institute, will introduce the following guest speakers:—

Dr. George R. Minot, director of the Thorndyke Memorial Laboratory, Boston City Hospital, and professor of medicine at Harvard University, who will speak on "Clinical Investigation."

Dr. Russell M. Wilder, professor of medicine at the Mayo Foundation, who will speak on "Industrial Laboratories and Clinical Research."

Prof. August Krogh, professor of animal physiology at the University of Copenhagen, who will speak on "Biology and Medicine in Cooperation."

Dr. Abraham Flexner, director of the Institute for Advanced Study, Princeton, who will speak on "The Usefulness of Useful Knowledge."

Inspection of the laboratories and other buildings will be from 3:30 to 5:00 p.m.

Burton Boye, who will retire shortly from the Socony-Vacuum Oil Company after thirty-five years of service, was honored at a dinner of the New York Fuel Association, held in conjunction with the golf tournament of the association September 14, at the Washington Irving Country Club, Tarrytown, N. Y.

CLEANSED WITH FIRE!

From Mutual's mines in New Caledonia comes the world's purest chromite, the basic raw material from which all chromium chemicals are made. Although hand-sorted and classified before being shipped, it is not until it reaches the United States that the ore is actually processed, at Mutual's two independent plants in Baltimore and Jersey City. Every step is carefully checked by experienced technicians.

Since 1845 Mutual has been constantly developing new uses for chromium and its compounds, insuring for them a front rank in future developments in the field of chemistry.

Today, Mutual offers to consumers all of its vast facilities—a protected source of supply; the diversification of two completely independent plants; and prompt and efficient service through warehouse stocks carried in every important industrial center.

BICHROMATE OF SODA
BICHROMATE OF POTASH
CHROMIC ACID OXALIC ACID

MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVENUE, NEW YORK, N. Y.

MUTUAL BICHROMATES

Dyestuffs, Textile and Leather Chemicals

J1 Myrobalans, Valonia Beards and Wattle Bark Advanced—Sumac Leaf Reduced—Corn Derivatives Steady—Zinc Dust Firmer—Egg Products Irregular

Transactions in the market for dyestuffs, textile and leather chemicals showed moderate improvement last week. A great deal of uncertainty still exists, however, despite the fact retail sales have resulted in substantial reorders for textile and leather goods. Prospects of an early settlement of the silk strike in the New Jersey area seemed much brighter, with some mills already signing a new agreement. The outlaw truck strike in the New York area restricted shipments to some extent. Aside from the labor trouble, sentiment in textile and tanning circles continued cheerful for the remainder of the year. Price changes included higher quotations for J1 myrobalans, valonia beards, wattle bark and zinc dust; sumac leaf recorded the only reduction.

Caution still motivated business in the market for tanning materials. A firmer price tone prevailed in most sections with J1 myrobalans, valonia beards, wattle bark showing moderate increases, while sumac leaf was slightly lower. Tanners agreed that general business activity was on the uptrend and further improvement would be seen. Total production of shoes for the second half of the year was placed at 197,000,000 pairs against 178,000,000 pairs in the like period of 1937. In spite of firmer prices during the past two months 93 percent of tanners maintained their customers have not yet covered ahead. In view of the reduced state of current leather inventories held by manufacturers, 95 percent of tanners thought an increase in demand would soon be witnessed. Bichromates maintained a gradually improved interest. Zinc dust advanced because of the higher prices prevailing for the basic metal. Natural dyestuffs reflected a mild improvement in some sections, cochineal and logwood were fairly well taken. Egg products remained highly irregular. Corn derivatives continued steady.

Cotton consumed during August totaled 561,406 bales of lint and 70,218 bales of linters, compared with 449,511 bales and 61,805 bales during July, this year, and 603,617 and 72,088 bales during August, last year, according to the Census Bureau report.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Myrobalans, J1, 50c. per ton.
Valonia, beards, $2 per ton.
Wattle bark, E, African, 25c. per ton.
S. African, $1.25 per ton.
Zinc dust, 1-10c. per lb.

Reduced

Sumac, leaf, $1 per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
150.0	150.0	151.7	155.2

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate.—While some hesitation still exists, the market gave a fair account of itself last week. The demand for moderate quantities has broadened considerably. Quotations remain unaltered.

Alumina Chloride.—Withdrawals continue at a steady pace for the crystal and solution materials, with woolen mills supplying a good call. No change was disclosed in the quotations.

Chrome Acetate.—Tanning and textile consumers were making their appearance from time to time for quantities to take care of nearby production requirements. Quotations were in conformity with the previous period.

Potash Bichromate.—Sellers report a gradually improved interest in the market from principal consuming channels. The upturn, which started in July, seems to be holding. Quotations ruled firm.

Soda Bichromate.—The market continued to enjoy good buying support from various consumers, with the call from the textile and tanning trades making the best showing. A steady to firm price tone prevailed.

Soda Prussiate.—There was nothing of importance to report in the market, with demand from textile and tanners reported at fair levels, and quotations maintained at former levels.

Zinc Dust. — Quotations were advanced 10 points to .0685c. per pound for car lots and .0735 per pound for less than car lots. The advance was brought about by the higher quotation for the basic metal. Business was reported at fair levels.

Dyestuffs

Annatto.—Usual consumers of the seed and paste material were making withdrawals commensurate with urgent requirements in most instances. Quotations ruled unchanged.

Archil.—Only routine interest was displayed in this direction last week. There was nothing new to report in the price schedule, and a steady to firm tone prevailed.

Cochineal.—Sellers could point to a fairly steady call for coloring purposes, with the food, pharmaceutical and textile trade providing the call. A steady price tone remained in evidence.

Fustic.—The leather and textile industry were reported as showing a moderate interest in the market last week. Quotations were in conformity with the preceding period.

Hypernic.—Moderate quantities of this material were moving into various consuming channels throughout the past week. Pricewise the market offered nothing new.

Logwood.—Activity in the market was maintained at modest levels, although a definite broadening in interest from textile and tanning interest continued to prevail. A steady to firm price tone remained in evidence.

Sizing Materials

Alubumen, Egg.—There was little feature to the market again last week, withdrawals in most instances were held to minimum proportions. Domestic prices were unchanged. In the import market more activity was noticed than for some weeks past, shipments aggregated around 300 cases.

Dextrin.—Movement of various grades of dextrin was moderate, sellers report some degree of caution, and consumers apparently content to cover for nearby needs. Prices were unchanged. August corn grind of eleven domestic refiners of corn derivatives totaled 5,483,751 bushels, against 4,744,081 bushels in July and 3,848,264 bushels in August, 1937. For the first eight months corn grind aggregated 42,170,263 bushels, compared with 44,237,847 bushels in the corresponding period a year ago, according to the Corn Industries Research Foundation.

Egg Yolk.—A firm tone prevailed in the market throughout the past week. Stocks of this material were none too plentiful at the present, and any substantial withdrawals may easily influence the prices. Business was at fair levels.

Starch.—Quotations were maintained at former levels last week, There has been a fair inquiry in the market, and sellers report satisfactory volume of business on the books. Visible supplies of corn for week ended September 10 was 10,079,000 bushels, compared with 9,743,000 bushels in the preceding week and 3,719,000 bushels in the same period a year ago.

Tanning Materials

Hemlock Extract.—Withdrawals by tanning interest was reported holding fairly steady during the past week. Some caution still exists, but on the whole business was satisfactory. Prices ruled firm.

Mangrove Bark.—Interest in the market continued moderately active last week. No change was uncovered in the quotations.

Myrobalans.—Quotations for J1 myrobalans were slightly higher at $27.50 per ton; J2 and Rs myrobalans remained unchanged. Some uncertainty still existed in the market, but with inventory position at a low level, sellers were looking forward to better buying soon.

Sumac.—Price for the leaf material was lowered to $67 per ton; beards were unchanged at $65 per ton. Cautious buying was evidence during the past week.

Valonia.—An advance of $2 per ton was reported for the beards at $47 per ton, while the cups remained the same. A firm undertone prevailed and business was held to moderate proportions.

Wattle Bark.—Quotations for the East and South African material returned to former levels last week making the East African $39.75 per ton, and the South African, $41.75. Business was along fair lines.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Holt Made Division Head In Commerce Bureau

Everett G. Holt has been appointed chief of the leather and rubber division of the Bureau of Foreign and Domestic Commerce, of which he has been acting chief since October, 1935. A native of Maine, Mr. Holt received his A. B. degree from Colby College and his L. L. B. from George Washington University.

Entering the Civil Service Commission in 1917, as an expert in technical and scientific fields, he rose to the position of assistant chief of the examining division. In 1921 he was transferred to the newly organized rubber division of the bureau of Foreign and Domestic Commerce. He became assistant chief of that division in 1922, and in 1926 he was made chief.

In 1930 Mr. Holt went to the Goodyear Tire & Rubber Company, Akron, for five months as Manager of Foreign and Crude Rubber Research. Returning to Washington, he resumed his position as chief of the rubber division in the bureau, and in 1933, after a merging of bureau units, he became assistant chief of the combined leather and rubber division.

Aldermac Copper Corp., an affiliate of Noranda Mines, Ltd., Toronto, plans the construction of a sulphur refining plant.

Patman Act Ban On Aggregate Discounts

—Continued from page 3

dividual order received by sellers from customers granted an extra discount is frequently less than the average size of the individual order received from customers not granted that discount.

Aside from differences in methods of sale and delivery, savings in the cost of serving different customers result from the differences in the size of the orders placed by such customers, irrespective of their aggregate purchases for a given period of time. Large orders are usually assembled, priced, packed, billed, and delivered at a lower cost per dollar of sales than small orders. In the instant case there is no evidence that the respondent employed different methods of sale and delivery in serving the customers not accorded the 5-percent discount than it used in serving those receiving the said discount, nor that it cost the respondent less per dollar of sales to make shipments to the first-named group than to the group last named.

The difference in price between padlocks sold to customers whose annual purchases generally amount to $10,000 and those sold to customers whose annual purchases generally amount to less than $10,000 as aforesaid, constitutes a discrimination, and the effect of such discrimination may be substantially to lessen competition or tend to create a monopoly in the line of commerce in which the jobbers are engaged and to injure, destroy, or prevent competition with the recipients of the benefits of such discrimination. Such discrimination is not one that makes only due allowance for differences in the cost of manufacture, sale, or delivery resulting from differing methods or quantities in which padlocks are to such purchasers sold or delivered.

Under the order, the respondent company is prohibited from practicing the discrimination in price "adjudged illegal in the aforesaid findings and conclusions, or from directly or indirectly in any other manner, discriminating in price by paying or granting freight allowances or discounts, the effect whereof may be substantially to lessen competition or tend to create a monopoly in the line of commerce in which customers of the respondent are engaged, or to injure, desroy, or present competition with any person receiving the benefit of such discrimination, except where such discount makes only due allowance for differences in cost which have been achieved with respect to individual sales made to a particular buyer."

Oil Trades Outing Sept. 20

The eighteenth annual sports outing of the Oil Trades Association of New York will be held September 20 at the Pelham Country Club, Pelham Manor, N. Y.

Libbey-Owens-Ford Glass Company has increased operations at its laminating plant at Ottawa, Ill., to about 77 percent of capacity.

Natural Products Refining Co.
910 Garfield Avenue,
Jersey City, N. J.
Natural
BICHROMATES

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton Street, NEW YORK
Telephones: Cortlandt 7-1460-1461 Cable Address: "Fezan," N.Y.

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Acetic Acid, U.S.P. XI, and C.P.
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Acetamide, Tech. and C.P. Odorless
Aldol (Acetaldol)
Aluminum Acetate 20% Solution
Aluminum Acetate Basic 32% Sol.
Aluminum Acetate, Powdered
Ammonium Acetate
Butyl Crotonate
Calcium Levulinate
Copper Acetate
Crotonaldehyde
Crotonic Acid
Ferric Acid, Normal Powder
Iron Liquor (Ferrous Acetate)
Levulinic Acid
Manganese Acetate
Methyl Acetate, Tech. and C.P.
Paraldehyde, Tech. and U.S.P. XI
Pentaerythritol
Pentaerythritol Tetra Acetate
Potassium Acetate
Sodium Acetate, 60% and Anhydrous
"Sodacet" (90% Sodium Acetate)
Sucrose Octa Acetate, "SOA"
Vinyl Acetate
Zinc Acetate

NIACET CHEMICALS CORPORATION
P. O. BOX 460
NIAGARA FALLS, NEW YORK

Current Market Quotations

—Continued from page 23

Yellow—Zirconium

Yellow, Dutch pink, bbls.	lb.	.09 - .11
Hansa, bbls., same basis, chrome	lb.	1.37 - —
Mercury oxide (see M).		
Ocher, Amer., golden, A, bbls., works	lb.	.06¼- —
B, bbls., works	lb.	.04½- —
C, bbls., works	lb.	.03½- —
yellow, A, bbls., works	lb.	.02¾- —
B, bbls., works	lb.	.02½- —
C, bbls., works	lb.	.02 - —
D, bbls., works	lb.	.0195- —
E, bbls., works	lb.	.01775- —
F, bbls., works	lb.	.01½- —
G, bbls., works	lb.	.01½- —
H, bbls., works	lb.	.01⅜- —
French, all shades, cks., c.l., ex dock Balto, Boston, N. Orleans, for import	lb.	.02475- —
New York (f.o.b.)	lb.	.02½- —
Philadelphia, for import	lb.	.02⅝- —
Portland, Seattle	lb.	.03 - —
San Pedro, S. Francisco	lb.	.0290- —
l.c.l., ex dock, Balto, Boston, N. Orleans	lb.	.02575- —
New York	lb.	.02½- —
Philadelphia, for import	lb.	.02⅝- —
Portland, Seattle	lb.	.03½- —
San Pedro, S. Francisco	lb.	.03 - —
ex whse., Balto., Boston, N. Orleans	lb.	.02725- —
Chicago, E. St. Louis, Ind'polis, K. City, Milwauk., St. Louis,	lb.	.03⅝- —
Minneapolis	lb.	.03½- —
New York	lb.	.02⅝- —
Pittsburgh	lb.	.03½- —
Portland, Seattle	lb.	.03⅝- —
San Pedro, S. Francisco	lb.	.03½- —
f.o.b. N. Y., from dock,	lb.	.02⅝- —
from whse.	lb.	.02⅞- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y.	lb.	.04½- —
l.c.l., same basis	lb.	.04⅝- —
synth., bbls., c.l., works	lb.	.06½- —
l.c.l., works	lb.	.06⅝- —
Persian orange (see O).		
Zinc, bbls., same basis chrome CP. contracts	lb.	.18 - —
open order	lb.	.19 - —
Yellow dock root, bls.	lb.	.09 - .10
Yellow root (xanthoriza), bls.	lb.	.09 - .10
Yerba santa leaves, bls.	lb.	.08 - .08½
Yohimbine hydrochloride, vis.	oz.	2.50 - 2.55

Z

Zinc acetate, tech., bbls., dlvd.,	lb.	.21 - —
USP., bbls., 250 lbs.	lb.	.27 - —
kgs., 100 lbs.	lb.	.29 - —
Arsenate, bgs., cs., c.l., dealers, E. of Rockies	lb.	.12½- —
c.l., bgs., cs.	lb.	.13 - —
Arsenite, bgs., cs., c.l., dealers, E. of Rockies	lb.	.12½- —
W. of Rockies, bgs.	lb.	.12½- —
l.c.l., bgs., cs.	lb.	.13 - —
W. of Rockies, bgs.	lb.	.12⅝- —
Zinc arsenate and arsenite price are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.		
Carbonate, tech., bbls.	lb.	.14 - .18
USP, precip., powd., bbls.	lb.	.31 - —
dms.	lb.	.26 - —
kgs.	lb.	.33 - —
Zinc, chloride, fused, dms., c.l., works	100 lbs.	4.25 - —
l.c.l., works	100 lbs.	4.60 - —
gran., dms., c.l., works, 100 lbs.		5.00 - —
l.c.l., dms., works	100 lbs.	5.75 - —
USP, 200-lb. dms.	lb.	.25 - —
25 lb. jars	lb.	.31 - —
solut., dms., wks.	lb.	.04½- —
tanks	lb.	.0226- —
Cyanide, kgs., works	lb.	.33 - —
Dust, bbls., c.l., dlvd.	lb.	.0685- —
l.c.l., bbls., dlvd.	lb.	.0735- —
Fluoride, bbls.	lb.	.20 - .28
Iodide, N.F., bots.	lb.	4.35 - —
jars	lb.	4.20 - —

Metal (see daily quotations in Market report)

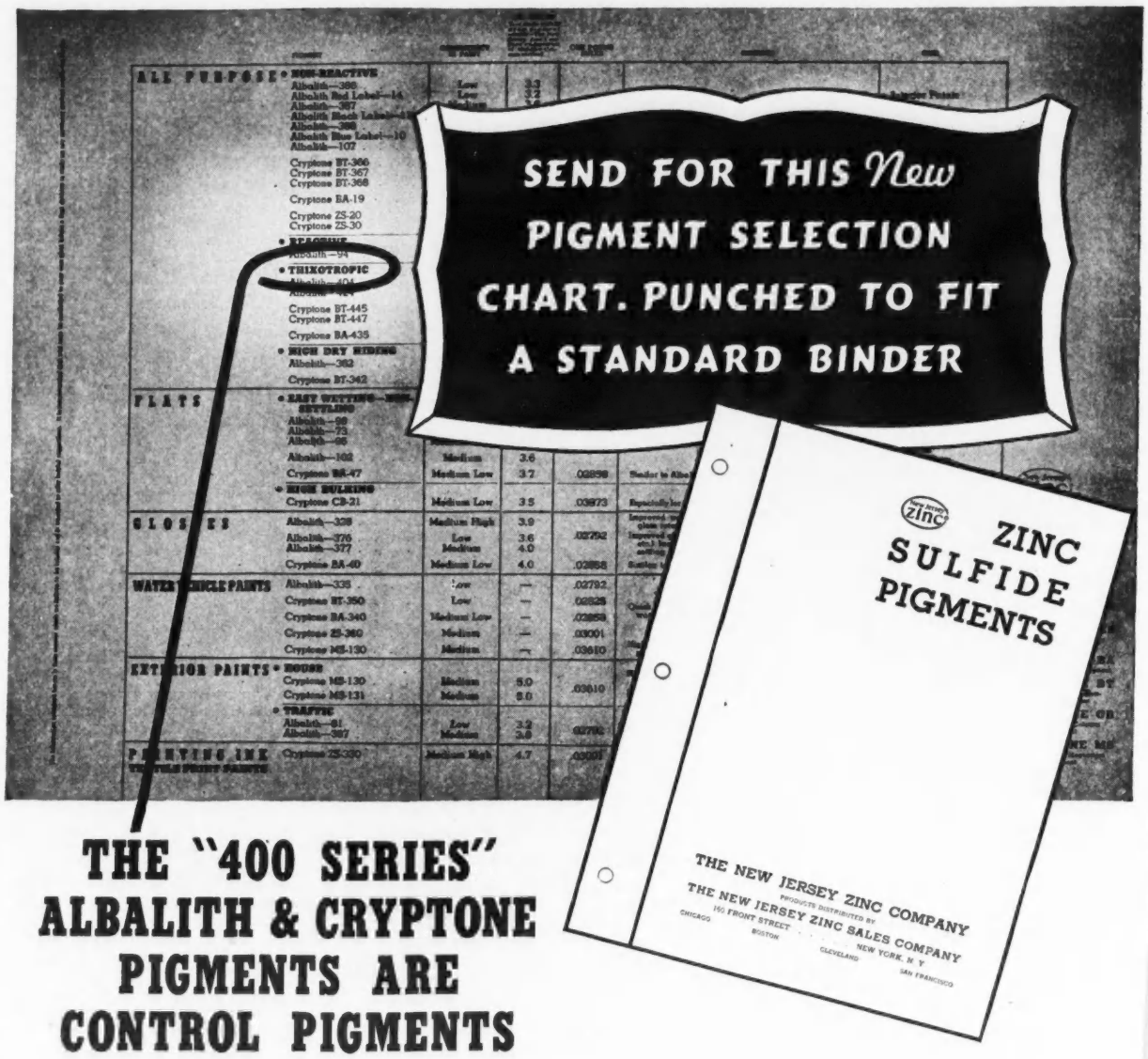
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd.	lb.	.06¼- .07½
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07¾
ex whse., Pac. cst.,	lb.	.06½- .07¾
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
leaded, 5%, bgs., c.l., dlvd.	lb.	.06⅛- —
l.c.l., dlvd., except ex whse., Pac. cst.	lb.	.06⅜- —
bbls., c.l., dlvd.	lb.	.06⅜- —
l.c.l., dlvd., except Pac. cst.	lb.	.06⅝- —
ex whse., Pac. cst.	lb.	.06⅝- —
35%, bgs., c.l., dlvd.	lb.	.0590- —
l.c.l., dlvd., except Pac. cst.	lb.	.0615- —
ex whse., Pac. cst.	lb.	.0615 - —
bbls., c.l., dlvd.	lb.	.0615- —
l.c.l., dlvd., except Pac. cst.	lb.	.0640- —
ex whse., Pac. cst.	lb.	.0640- —
50%, bgs., c.l., dlvd.	lb.	.0592- —
l.c.l., dlvd., except Pac. cst.	lb.	.0617- —
ex whse., Pac. cst.	lb.	.0617- —
bbls., c.l., dlvd.	lb.	.0617- —
l.c.l., dlvd., except Pac. cst.	lb.	.0642- —
ex whse., Pac. cst.	lb.	.0642- —
French process, com'l lead-free, bgs., c.l., dlvd.	lb.	.06¼- .07⅛
l.c.l., dlvd., except Pac. cst.	lb.	.06½- .07¾
Zinc oxide, French process, com'l lead-free, bgs., c.l., ex whse., Pac. cst.	lb.	.06½- .07¾
bbls., c.l., dlvd.	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst.	lb.	.06¾- .08
ex whse., Pac. cst.	lb.	.06¾- .08
green seal, bgs., c.l., dlvd.	lb.	.08 - —
l.c.l., dlvd., except Pac. cst.	lb.	.08¼- —
ex whse., Pac. cst.	lb.	.08¼- —
bbls., c.l., dlvd.	lb.	.08¼- —
l.c.l., dlvd., except Pac. cst.	lb.	.08½- —
ex whse., Pac. cst.	lb.	.08½- —
red seal, bgs., c.l., dlvd.	lb.	.07½- —
l.c.l., dlvd., except Pac. cst.	lb.	.07¾- —
ex whse., Pac. cst.	lb.	.07¾- —
bbls., c.l., dlvd.	lb.	.07¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.08 - —
ex whse., Pac. cst.	lb.	.08 - —
white seal, bgs., c.l., dlvd.,	lb.	.08½- —
l.c.l., dlvd., except Pac. cst.	lb.	.08¾- —
ex whse., Pac. cst.	lb.	.08¾- —
bbls., c.l.	lb.	.08¾- —
l.c.l., dlvd., except Pac. cst.	lb.	.09 - —
ex whse., Pac. cst.	lb.	.09 - —
import, gold seal, cks., ex whse.	lb.	.13 - .14
green seal, bbls., ex whse.,	lb.	.10 - —
white seal, cks., ex whse.,	lb.	.11 - .12½
USP, bbls., c.l.	lb.	.09½- —
Palmitate, bbls.	lb.	.23 - .25
Zinc, resinate, fused, pale, bbls.	lb.	.10 - —
precip., dms., dlvd.	lb.	.15 - —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.20 - —
l.c.l., 1 ton.	lb.	.21 - —
1,000-2,000 lbs.	lb.	.22 - —
less than 1,000 lbs.	lb.	.23 - —
U.S.P., bbls.	lb.	.21 - .28
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75 - —
l.c.l.	100 lbs.	3.50 - —
bbls., c.l.	100 lbs.	2.90 - —
l.c.l.	100 lbs.	3.05 - —
flake, bgs., c.l.	100 lbs.	5.10 - —
l.c.l.	100 lbs.	3.85 - —
bbls., c.l.	100 lbs.	5.25 - —
l.c.l.	100 lbs.	4.00 - —
l.c.l.	100 lbs.	5.10 - —
bbls., c.l.	100 lbs.	4.50 - —
l.c.l.	100 lbs.	5.25 - —
Sulphide, bgs., c.l. (20 tons), dlvd.	lb.	.03⅝- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.03⅝- —
bbls., c.l. (20 tons), dlvd.	lb.	.03⅝- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.03⅞- —
Sulphocarbolate, NF, bbls.	lb.	.24 - .26
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.15 - —
l.c.l., works	100 lbs.	5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd., except Pac. cst.	lb.	.05½- —
ex whse., Pac. cst.	lb.	.05½- —
Zirconium nitrate, kgs., work.	lb.	3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works	ton.	75.00 -100.00
kgs., small lots, works.	lb.	.04¼- .04½
white, 98%, rgd., kgs., works,	lb.	1.40 - 1.50

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the September 5 issue; the next printing will be in the October 3 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish and Lacquer Materials Market, which begins on page 35.

Robert J. Moore, Development Manager, Varnish-Resin Department, of Bakelite Corporation, will address the Pittsburgh Paint Salesmen's Club October 7. The subject of Mr. Moore's talk will be "Fundamental Factors in Protective Coatings."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ZINC SULFIDE PIGMENTS
THE NEW JERSEY ZINC COMPANY
PRODUCTS DISTRIBUTED BY
THE NEW JERSEY ZINC SALES COMPANY
160 FRONT STREET NEW YORK, N. Y.
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THE "400 SERIES" ALBALITH & CRYPTONE PIGMENTS ARE CONTROL PIGMENTS

A group of zinc sulfide pigments of improved color and brightness.

Offers the paint formulator an excellent means of obtaining better balanced interior finishes.

Used as the major hiding pigment they produce paints of desirable creamy body which are non-settling, easy to brush and of good leveling properties.

Used in conjunction with other pigments they correct settling tendencies, produce more body and improve packaging qualities.

Available in a range of consistencies for flats, undercoaters, semi-glosses, glosses.

Albalith—404-424
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Cryptone—BA-435

THE NEW JERSEY ZINC COMPANY
160 FRONT ST. (zinc) NEW YORK

Paint, Varnish, Lacquer Materials

Lead Oxides Rise on Higher Metal Cost—Ester Gum Reduced —Scarlet Ink Toner Higher—Other Colors Unchanged For Fourth Quarter—Zinc Up

Prices for lead oxides advanced Thursday when pig lead costs were advanced. Car lot prices for dry red lead and litharge, and the l.c.l. or so-called card prices for these oxides and for orange mineral advanced automatically. The fourth quarter contract price for white lead was issued Thursday at the level established in mid-July.

Some observers in the lead market expected that further increases in lead prices might take place because, it was believed, producers were obliged to raise miners' wages on last week's advance to the five cents per pound level, thus increasing production costs. It has been customary when a rising market increases the mining scale for selling prices to advance a few dollars per ton beyond the necessary point so as to cover the increased production cost.

Ester gum prices were reduced Thursday.

Prices for scarlet ink toner were advanced on Thursday and contract prices for the final quarter of the year were adjusted accordingly. Contract prices for other chemical colors and also earth colors were not changed and hence are free from advance over the final quarter of the year.

A steady or firm tone prevailed in Southern markets for rosin and turpentine, price movements being narrow. Offerings in primary centers were light as the bulk of the arrivals continued to be placed in storage under the government loan. Domestic business in rosin and turpentine was still along conservative lines but an increase was noted in the inquiry for moderate lots. Export business in rosin showed some improvement.

A strike of painters in New York against twenty-five local shops was short lived and all the shops involved promptly signed union contracts. Trucking companies coperating out of New York were tied up by a strike Thursday. While local trucking was only mildly handicapped, the interstate motor lines were forced to curtail operations.

The largest volume of construction contracts since July, 1937, was awarded in the 37 Eastern States during August, according to F. W. Dodge Corporation. The month's total of $313,141,000 represented increases of 12 percent over August, 1937, and 30 percent over July of this year. Both privately financed and publicly financed projects increased over the preceding month, and the August construction total of nine out of fifteen districts ran ahead of the corresponding district totals of August, 1937. In all fifteen districts, August residential contracts ran ahead of August, 1937, and produced the largest national residential total since April, 1937. Residential awards for the month amounted to $99,632,000, being a 36 percent increase over August of last year and a 13 percent increase over July of this year. Since the volume of smallhouse construction began to increase over last year as early as last May, and since total residential building was 7 percent over last year in July, the August record was a continuation and confirmation of a definite upward trend.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lead, pig, 1-10c. per lb.
red, dry, c.l., 1-10c. per lb.
l.c.l., ¼c. per lb.
Litharge, c.l., 1-10c. per lb.
l.c.l., ¼c. per lb.
Orange mineral, ¼c. per lb.
Rosin, gum, 5c. to 15c. per 280 lbs.
Scarlet ink toner, 5c. per lb.
Zinc, slab, 1-10c. per lb.

Reduced

Gum, ester, ½c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.1	131.1	131.1	134.6

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

Lead prices were advanced $2 per ton Thursday to the basis of 5c. to 5.05c. per pound at New York and 4.85c. per pound at East St. Louis. This increase represented the market's first price movement since July 6. Buying was very heavy throughout the fore part of the week as the consuming trades covered against the possibility of a rise on the European war scare. The recent formation of the International lead cartel has a tributary effect on the market's stiffer position. London prices continued to advance. It is expected in the trade that further advances in domestic lead prices might take place.

Zinc was also raised in price on Thursday. The slab zinc price advanced 1/10c. per pound to the basis of 4.85c. per pound, East St. Louis. Although zinc purchases were not believed to have been so heavy as the lead demands, the market rose as a result of the tense European situation.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from September 10 to September 16, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0490@.0495	$0.0475	.. .. ..
Monday	.0490@.0495	.0475	15 5 0
Tuesday	.0490@.0495	.0475	15 7 6
Wednesday	.0490@.0495	.0475	15 12 3
Thursday	.0500@.0505	.0485	15 16 3
Friday	.0500@.0505	.0485	15 16 3

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from September 10 to September 16, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0515	$0.0475	.. .. ..
Monday	.0515	.0475	13 17 6
Tuesday	.0515	.0475	13 18 9
Wednesday	.0515	.0475	14 2 6
Thursday	.0525	.0485	14 7 6
Friday	.0525	.0485	14 16 3

Pigments

Pig lead prices advanced Thursday and the l.c.l. prices for lead oxides moved up ¼c. per pound. The metal advance also increased the car lot prices for dry red lead and litharge automatically. The metal rise was the market's initial move since July 6. Metallic zinc also advanced on Thursday.

White Lead.—Although the metal prices advanced 10 points to the basis of 5c. per pound at New York on Thursday, the corroders did not alter the price for dry white lead and issued contract prices for the final quarter of the year at the levels that were established in the middle of July.

Red Lead. — Thursday's increase in pig lead increased the car lot price of this derivative by 1-10c. per pound and the l.c.l. prices moved up ¼c. per pound. The schedule for dry lead testing 95 percent Pb_3O_4 was as follows:—Car lots, 7¾c. per pound delivered Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and East of the Cascades in Ore. and Wash., and, 7½c. per pound delivered elsewhere; 5 ton lots, 8¼c. per pound delivered Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and West of the Cascades in Ore. and Wash., 8¾c. per pound delivered Ariz., Idaho, Nev., Utah, and East of the Cascades in Ore. and Wash., 8½c. per pound delivered Colo., Mont., N. Mex., Wyo., and 8c. per pound delivered other points; smaller lots, 8¾c. per pound delivered Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and West of the Cascades, 9¼c. per pound delivered Ariz., Idaho, Nev., Utah and East of the Cascades in Ore. and Wash., 9c. per pound delivered Colo., Mont., N. Mex., Wyo., and 8½c. per pound delivered elsewhere. Prices

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

LAMP CARBON BONE **BLACKS** LAKE VINE OXIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 286 Spring Street, New York

MINERAL OIL RESIDUES
NAPHTHENIC SOAP — FLAG BRAND WHITE OILS — NAPHTHENIC ACID SLUDGE
Specifications Upon Request
S. SCHWABACHER & CO., INC.
25 Beaver Street *Importers* New York

REDUCE SURFACE TENSION *
EMULSIFIERS • DEFOAMING AGENTS
DETERGENTS • PLASTICIZERS • SOFTENERS
for all industries including Textile, Paper, Tanning, Paint and Varnish, Ink, Oil and Grease, Cosmetics, Glue, Cement, Polish and Agricultural Spray.
*Specific data on NOPCO PRODUCTS for this purpose may be obtained upon request.
NOPCO "EVOLVED THRU RESEARCH"
NATIONAL OIL PRODUCTS CO.
HARRISON, N. J.
BOSTON CHICAGO CEDARTOWN, GA. SAN FRANCISCO

HARSHAW
METALLIC SOAPS
. . . made to specification for many industries, including: Paint and Varnish, Printing Ink, Linoleum, Lubricating Oils and Greases, Paper, Wallpaper, Rubber, Waterproofing, Pharmaceutical, Cosmetic, Textile, Tanning, Insecticide and others. Harshaw Quality Metallic Soaps are the result of constant research through thirty years of production . . . On your next order specify "HARSHAW" . . . [linoleates, naphthenates (Uversols), oleates, resinates, pastes, stearates, palmitates, laurates, tungates, or other types.]
THE HARSHAW CHEMICAL CO.
Manufacturers, Importers, Merchants
Offices and Laboratories: Cleveland, Ohio
Quality Products since 1892
New York, Philadelphia, Chicago, Detroit, Pittsburgh, Cincinnati, East Liverpool, Los Angeles, San Francisco
Works at Cleveland and Elyria, Ohio, and Philadelphia, Pa.

for 97 percent material were ¼c. per pound higher than 95 percent, and prices for 98 percent material were ½c. per pound higher than 95 percent.

Litharge. — Car lot prices advanced 1-10c. per pound and the l.c.l. prices were raised ¼c. per pound following Thursday's metal rise. The schedule of prices for this lead oxide is 1c. per pound lower than the aforementioned schedule for 95 percent red lead. The advance in the l.c.l. prices is the first since June 30 and the car lot prices moved for the first time since July 6.

Orange Mineral. — Prices were raised ¼c. per pound Thursday when pig lead reached the 5c. mark. The advance in price was the first change in the market since June 30 and the schedule was as follows:—5 ton lots, 10¾c. per pound delivered Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and West of the Cascades in Ore. and Wash., 11¼c. per pound delivered Ariz., Idaho, Nev., Utah, and East of the Cascades in Ore. and Wash., 11c. per pound delivered Colo., Mont., N. Mex., and Wyo., and 10½c. per pound delivered elsewhere. Less than 5 ton lots were priced at ½c. per pound over the 5 ton lot prices.

Lithopone. — Prices held an even position and the market was favored with some additional buying against contracts. The condition of the market was far from brisk but the withdrawals against contracts so far this month have been somewhat more voluminous.

Titanium Pigments. — Trade has been improving narrowly and it is now quite likely that September business will be better than September last year. So far this month, the withdrawals against contract were better than those of the preceding month. Prices continued steady and unchanged.

Zinc Oxide. — Leaded zinc oxides were unmoved by Thursday's boost in metallic lead. The rise in slab zinc prices did not alter the market's position. Takings against contracts were moving out a little faster this month.

Fillers and Extenders

Buyers paid closer attention to the markets for imported materials but prices for those products were not openly influenced by the crisis in Central Europe. Some of the importers were understood to be increasing their inventories of spot merchandise.

Barytes. — The demands of the market continued mildly active and have shown a little broadening so far this month. The prices for domestic and imported material were unchanged. The Cuban product which has attracted recent interest here is priced at $11 per ton for unground in car lots, c.i.f. Hoboken, N. J.

Talc. — Suppliers reported a slightly more active market with interest coming from the rubber industry and from the paint trade. Prices were unchanged.

Dry Colors

A rise in the price of scarlet ink toner was the only price change in the color market as the period for contract price adjustments for the final quarter of the year passed. Chromates were unmoved by Thursday's increase in metallic lead. Contract prices for earth colors were also unchanged for the final quarter of the year. Buyers of imported colors were watching European developments closely and some increase of buying on this account was partially responsible for a livelier trading this week among the suppliers of these products.

Alkali Blue Toner.—Producers did not alter the contract price which was 90c. per pound. Trade was fairly good in spots.

Carbon Black. — Carload ordering showed a further small gain last week. Prices continued unchanged. Crude rubber consumption by manufacturers in United States in August was 38,170 long tons against 32,209 tons in July and 41,506 tons in August last year, according to the Rubber Manufacturers Association.

Iron Oxides.—Prices held in an unchanged position and there were no changes reported in contract prices for the fourth quarter of the year. Withdrawals against these agreements have been improving.

Ocher.—Importers were booking more business than they had been getting in recent weeks. Prices for French were steady and unchanged.

Scarlet Ink Toner.—Producers of this toner have increased the price 5c. per pound to the basis of 50c. per pound. The increase took effect Thursday.

Ultramarine.—Jobbing grades, cobalts and others held steady in price and the sales movement against contracts was reported as having been slightly better.

Varnish Gums

Primary markets for natural resins were evidently steadying. For the second week in succession, price declines have been conspicuously absent. This condition contrasts with the several preceding weeks when prices moved steadily downward. Advices received by importers indicated that the market's position was likely to turn.

Copals.—While the European crisis failed to attract any additional buying interest, the primary markets were apparently steadying and there have been no declines in replacement market prices for the past two weeks. A consular report from the Belgian Congo indicates that exports of copal gum in the Belgian Congo dropped from 19,798 metric tons valued at 27,706,153 francs in 1936 to 16,848 metric tons valued at 30,686,589 francs in 1937.

Dammars.—The Batavia and Singapore gums were unchanged in price last week. There have been no changes from the primary market for two weeks now and the importers here say that the markets abroad are turning away from the weakness that has been a characteristic part of the market for some weeks.

Synthetic Resins

Ester gum prices were reduced ½c. per pound Thursday. The basic price for large lots in the East was now 6¼c. per pound. The schedule is as follows:—75,000 pound contracts or single shipments of 10,000 pounds, 6¼c. per pound delivered in the New England States, New Jersey, eastern New York and Pennsylvania, Delaware and Maryland; 6¾c. per pound delivered in western New York and Pennsylvania, Ohio, Michigan, Indiana, Illinois, Wisconsin, Minnesota, Iowa, Missouri, Kentucky, Virginia, West Virginia, and North Carolina, on 75,000 pound contracts or on straight carload deliveries; and 7c. per pound delivered elsewhere on 75,000 pound contracts or on straight carload deliveries. Usual differentials prevail for l.c.l. quantities and in the Northeastern area for quantities under 10,000 pounds.

Naval Stores

Business in naval stores was somewhat more active. The improvement was only slight, but it was sufficient to create a better feeling in some quarters. The possibility that the production next season may be substantially curtailed was also not without some effect upon sentiment. A meeting in connection with the proposed conservation program for 1939 was held at Jacksonville last Friday which was expected to have important results of a favorable character from the viewpoint of producers. The Jacksonville meeting was attended by government officials, who discussed the proposed program at a recent meeting in Washington with representatives of naval stores producers, a feature of the plan being the curtailment of production next season by approximately 100,000 units.

Foreign purchases of rosin last week, though not important, were reported as larger than in any recent preceding period, South American and Far Eastern interests being the buyers. Domestic business in rosin was generally along the same conservative lines noted for some time past, soap and paper makers as well as other consumers still being disinclined to purchase ahead to any material extent, the disappointing attitude of many buyers being attributed to the serious political news from abroad, and the downward trend at times of the market for securities. Daily offerings of rosin and turpentine in Southern markets were light, as the bulk of the arrivals continued to be moved into storage under the government loan. Weather conditions were generally favorable for production and marketing operations.

Turpentine. — The primary situation continued to be featured by light offerings and a steady tone. In the local market business was somewhat more active though, as in recent preceding weeks, consumers and dealers were disinclined to purchase in advance of current needs. Receipts did not show the decrease that some had expected as weather conditions were generally favorable for operations in the woods.

SAVANNAH, Sept. 16.—The turpentine market had a steady undertone. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	21½	136	503	219	51,101
Tuesday	21½	61	678	3,678	48,101
Wednesday	21½	35	433	108	48,426
Thursday	21½	71	442	1,070	47,798
Friday	21½	67	979	6	48,771

* No trading.

JACKSONVILLE, Sept. 16.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Re-ceipts.	Ship-ments.	Stocks.
*Saturday	..	...	...	...	.....
Monday	21½	6	602	...	41,909
Tuesday	21½	4	238	1	42,146
Wednesday	21½	4	604	...	42,750
Thursday	21½	2	354	...	43,104
Friday	21½	...	409	2	43,551

* No trading.

PENSACOLA, Sept. 10.—The turpentine market was quiet. Following is a record of the market for the week:—

	Barrels Re-ceipts.	Ship-ments.	Stocks.
Tuesday	189	82	32,451
Wednesday	316	122	32,645
Thursday	130	...	32,775
Friday	115	...	32,890
Saturday	301	448	32,743

CHICAGO, Sept. 16. — Turpentine has been extremely dull in both wholesale and retail divisions. Consumption is reported only fair. Ruling prices at the close of business last night were: Five-drum lots, 30c. per gallon; five wood barrels, 35c.; single drums, 33c.; single barrels, 38c.

LONDON, Sept. 16.—Quotations on turpentine were as follows:—

	Per cwt. in bbls. s.	d.
Saturday	31	6
Monday	31	6
Tuesday	31	6
Wednesday	31	6
Thursday	31	6
Friday	31	6

Stocks of American turpentine in London were:—

	Sept. 16.	Previous week.	Last year.
Barrels	29,508	29,121	17,040

Rosin.—Purchases in the local market were generally limited to small or moderate quantities to fill the current needs of consumers and dealers, the movement of such lots for the week showing some increase as compared with the previous period. Price movements were narrow in the absence of wide changes in Southern quotations. There were reports of some improvement in export trade, South America and the Far East being buyers.

SAVANNAH, Sept. 16.—Changes in rosin quotations were generally narrow. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.50	$3.50	$3.50	$3.50	$3.50
D	...	3.90	3.90	3.90	3.90	3.90
E	...	3.90	3.90	3.90	3.90	3.90
F	...	3.95	3.95	3.95	4.10	4.10
G	...	3.95	4.00	4.05	4.10	4.15
H	...	3.95	4.00	4.05	4.10	4.15
I	...	3.95	4.00	4.05	4.10	4.15
K	...	3.95	4.02½	4.05	4.12½	4.15
M	...	3.95	4.05	4.05	4.15	4.20
N	...	4.80	4.90	4.30	4.52½	4.95
WG	...	5.40	5.00	5.05	5.05	5.05
WW	...	6.15	6.10	6.10	6.10	6.15
X	...	6.15	6.10	6.10	6.10	6.15

	Barrels				
Sales	253	295	352	154	75
Receipts	2,352	3,422	2,467	2,895	2,082
Shipments	1,317	2,602	1,406	2,495	350
Stocks	247,229	248,049	249,116	249,510	251,162

* No trading.

JACKSONVILLE, Sept. 16.—Rosin offerings continued light. Following is a record of the market for the week:—

	Price per unit—Low of range quoted *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	...	$3.40	$3.40	$3.40	$3.40	$3.50
D	...	3.80	3.80	3.80	3.80	3.80
E	...	3.80	3.90	3.95	3.95	4.95
F	...	3.90	4.00	4.00	4.10	4.10
G	...	3.90	4.00	4.05	4.10	4.10
H	...	3.95	4.00	4.05	4.10	4.15
I	...	3.95	4.00	4.05	4.10	4.15
K	...	3.97½	4.02½	4.05	4.12½	4.15
M	...	4.00	4.05	4.05	4.15	4.15
N	...	4.90	4.90	4.90	4.90	5.00
WG	...	5.10	5.00	5.00	5.05	5.10
WW	...	6.15	6.10	6.10	6.15	6.15
X	...	6.15	6.10	6.10	6.15	6.15

	Barrels				
Sales	25	118	35	33	35
Receipts	1,802	2,268	1,551	1,853	1,842
Shipments	...	...	15	...	400	123
Stocks	203,000	205,253	206,804	208,197	209,916

* No trading.

PENSACOLA, Sept. 10.—Receipts of rosin continued large. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	530	1,291	653	561	885
Shipments	...	380	...	...	239
Stocks	55,637	56,548	57,201	57,762	58,408

CHICAGO, Sept. 16. — Buyers of rosin have shown little interest in the market for some time and for the most part seem to be inclined to wait until some of the uncertainty now surrounding markets is

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

"ARATONE"
270
The MICA PIGMENT for Paint
"ARATONE"-160 for Paper
Quality CASEIN PASTE PAINT
Atlantic Research Products
Incorporated
Newtonville Massachusetts

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS
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removed. Ruling prices at the close of business last night were:— B grade, $6.50 per lot of 280 pounds; G grade, $7; M grade, $7.05; W.W. grade, $9.10.

LONDON, Sept. 16. — Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common.		W.W.	
	s.	d.	s.	d.
Saturday	13	3	17	9
Monday	13	3	17	9
Tuesday	13	3	17	9
Wednesday	13	3	17	9
Thursday	13	3	17	9
Friday	13	3	17	9

Pine Oil.—There were reports of a somewhat better inquiry, though purchasing was still along the same conservative lines noted for some time past. The market had a steady tone.

Pitch.—The local spot market was steady, prices generally being held at the levels ruling in the previous week. The market was quiet so far as new business was concerned.

Rosin Oil.—No broadening of business was noticeable here, but a fair inquiry was reported for comparatively small or moderate quantities to meet the current needs of consumers.

Tar.—A steady tone continued to prevail in the local market. There was a fair movement into consuming channels on contracts and transient orders.

Shellac

Conditions in the shellac market changed very little last week. There was a quiet flow of business to the spot but in total volume it left much to be desired and while there was some reason to expect a broadening of consumption in the not far distant future, the situation in that respect was none too certain. Deliveries under contracts were subject to delays caused by the practice of some buyers filing requests that goods be held back. Until there be a much broader consuming basis than exists now, improvement of conditions will be moderate. Of course, those long familiar with the trade viewed the strained conditions in Europe as a force of potential strength. War activities require shellac and a widespread European war would undoubtedly affect shellac values substantially.

Calcutta, Sept. 16.—Prices quoted on London standard T.N. shellac, basis of sterling exchange at $4.88, were as follows:—

	Per pound— Sept. 16.	Sept. 9.
September	11½c.	11½c.

Day-to-day prices were as follows:—

	Per pound.
September 9	11½c.
*September 10	..
September 12	11¼c.
September 13	11¼c.
September 14	11¼c.
September 15	11¼c.
September 16	11½c.

* No cables.

London, Sept. 16.—Shellac quotations on the landed New York basis, ex dock, net cash, were as follows:—

	September 16— Shillings. Cwt.	Cents. lb.	September 9— Shillings. Cwt.	Cents. lb.
October	39	8.5	37¾	8.2
December	40	8.7	38¾	8.3

Day-to-day closing prices were as follows:—

	Per hundredweight— October.	December.
September 9	37s 9d	38s 9d
*September 10	... ..	... ..
September 12	38s 3d	39s 3d
September 13	38s 6d	39s 3d
September 14	39s ..	40s ..
September 15	39s ..	40s ..
September 16	39s ..	40s ..

* No cables.

Lacquer Materials

Conditions in the market for lacquer materials and solvents seemed definitely improved last week. The improvement could be largely attributed to the preparation by leading automotive manufacturers for 1939 models. A large company recalled 24,000 men to work in the Flint area. Factors to encourage the optimistic outlook on 1939 sales possibilities include favorable dealer reaction to such new models as have already been reviewed, the reduction of field stocks to their lowest point since 1933 and a rising trend in general business conditions. No price changes were reported in the market last week, and a steady to firm tone prevailed in practically all directions.

Acetone.—A moderate improvement was evident in the market throughout the past week. A noticeable acceleration in the call was reported for the account of the lacquer trade and other large consuming interests. A steady to firm price tone prevailed.

Butyl Acetate.—A better inquiry existing in this direction, the improved interest could be attributed in part to the automotive industry. Pricewise the market remained unchanged.

Cellulose Acetate.—The market displayed some signs of recovery, the large consuming interest making their appearance for moderate quantities on a broader scale. Quotations were in conformity with the preceding week.

Ethyl Acetate.—The call from the textile and automotive trade shows signs of improvement, while the market still was below normal proportions, the outlook continued cheerful for the final months of the year. Quotations ruled unchanged.

Nitrocellulose.—A steady to firm price tone prevailed in the market. Business was described as moderately better in most directions.

Tricresyl Phosphate.—Sellers could point to a fairly good interest in the market for plasticizing purposes last week. There was nothing new to report in the quotations, and price tone remained steady to firm.

Driers

While there has been no definite action on stearate prices for the final quarter of the year, some of the sellers say they do not believe any change from present quotations will occur. Contracts for stearates do not provide for 15 days notification in the event of any quarterly change in price.

Glues and Binders

Casein.—Quiet continued to envelop the market as prices held at the preceding week's level of 9½c. per pound for 20-30 mesh and 9½c. per pound for 80-100 mesh, both in carload lots delivered.

N.P.V.L.A. Groups Study Trade Sales Data

—Continued from page 4

mittee is to be named to consist of members of the trade and industrial sales groups to study and report on the cost of doing business. Approval was given for the mailing of a memorandum on the question of free deals and premiums, setting forth that a continuation of the practice would tend to lead to abuses, the ill effects of which will outweigh temporary advantages. Discussion took place concerning possibilities for industry wide promotion of time payment selling plans, following a report on what had been done in the last few months to arouse the interest in such plans of painting and decorating contractors.

Present at the session were Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association; Val Wurtele, vice-president; M. Q. MacDonald and Laurence Kiefer, of the association staff in Washington; J. E. Ingram and A. J. Roche, of the Pittsburgh Plate Glass Company; C. W. Eastwood, of the U. S. Gutta Percha Paint Company; C. N. Seidlitz, of the Seidlitz Paint and Varnish Company; George O'Brien and J. H. Stewart, of the O'Brien Varnish Company; Milton K. Pine, of the Muralo Company.

Stanley C. Dunning, of the New England Whiting Company; L. D. Williams, of Benjamin Moore & Co.; W. O. Schwartz, of Patek Bros.; L. F. Collister, of the Sherwin-Williams Company; Grover Hermann, of the American Asphalt Paint Company; Harold Rowe, of the National Lead Company; M. Mautz and W. F. Dunn, of the Mautz Paint Company; F. J. Derrick, of the Perry-Derrick Company; H. J. Miller, of the McDougall-Butler Company; Mitchell Goldsmith, of the Armstrong Paint & Varnish Company; B. J. Smith, of the Indianapolis Paint & Varnish Company; B. F. Robertson, of the Farwell, Ozmun & Kirk Company; A. R. Mertens, of the S. C. Johnson Company, and W. M. Clark, of the Marshall, Wells Company.

Monsanto Chemical Changes Name of Fiberloid Division

Indian Orchard, Mass., Sept. 13, 1938

The Fiberloid division of the Monsanto Chemical Company henceforth will be known as plastics division, according to John C. Brooks, vice-president in charge. The Fiberloid organization was acquired by Monsanto April 1, its former management and personnel being continued without change by Monsanto.

The plastics division's national representation has been expanded to the point where district offices are maintained in New York, in the R.C.A. building; Chicago, in the Tribune tower; St. Louis in the Monsanto building; Detroit, in the Union Guardian building; and Los Angeles, at 605 West Olympic boulevard.

Paint and Varnish Exchange Club, will hold a regular meeting September 28, in the Hotel Taft, this City.

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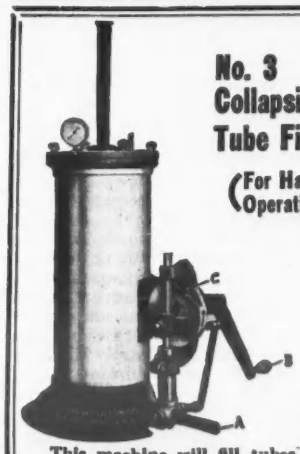
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OPD Forum

—Continued from page 4

business economically and financially able to embark upon such a plan did so, it is believable that the combined efforts would stimulate the individual purchasing power of the general wage-earning class, that purchasing power so vital to this country's economic and financial stability and general welfare, to such an extent that all business would be ultimately revived.

In such a method or plan it might be possible to control, in part at least, the economic fluctuations, or low and high points, of business, so creating more nearly regulated business flow.

After business received some benefits in increase in sales or of demand for products resulting from the combined efforts of the general plan of 2-percent increases, the next step should be to stepup purchases, employment, production, to 4 percent and after reaping the reward through increased product demand to continue such stepups until such time as the greater bulk of the wage-earners were gainfully employed, and thereafter to regulate in a degree production to such points.

In some manner the present plan of the "Sales-mean-jobs" campaign places the burden of starting the ball rolling upon the very groups least able financially to afford this—the ultimate consumers or the wage-earning classes. Vast numbers of these classes have been weakened financially through lack of work and hard times generally, so are not in a position to undertake entirely and alone the burden that business expects them to carry. Since this class is also composed of millions of individuals lacking coordination and organization, any general action from this direction, without the necessary financial stimulation, seems to be doubtful. Business generally chooses a man trained for particular work and is rather certain that its members are well qualified to accomplish desired results before accepting such men or placing affairs in such hands. Here business has chosen a man only partly qualified to fill the needs or requirements and must itself step in and supply adequate stimulations in order that the desired results may be obtained.

This or some such concerted business plan is truly the manner in which hard times may be overcome and prevented. Unlike other plans, it is a business stimulation plan for business, and business is to do it, not the government or anyone else—business is to do it. A wise man once said:—"Opportunities must be made." The business men of the United States must make their opportunities, as they did in the past, based on self-reliance and those qualities of human nature that make the people of this country, because of past business results and growth, envied throughout the world.

Here is the chance to prove that fact, and establish it for all time.

Arlington, Mass., September 8, 1938. "FAITH IN BUSINESS."

N.P.V.L.A. Convention Entertainment Arranged

The program of social events scheduled in conjunction with the golden jubilee convention of the National Paint, Varnish and Lacquer Association, to be held in the Ambassador hotel, Atlantic City, October 26 to 28, has been completed by the committee on arrangements and entertainment, of which W. H. Jarden, of the McCloskey Varnish Company, Philadelphia, is chairman.

On the afternoon of October 26, the first ladies' events will be scheduled in the form of tea party. At this affair "A Man of Mystery" will be the entertainer.

The big party night feature this year will be "The Days of '88," to be held in the evening. A real old-fashioned Western atmosphere will prevail. Stage money will be furnished for gambling, for which some fine prizes will be offered. Dancing and entertainment will complete the evening's program.

A luncheon party is being arranged for the ladies Thursday and bingo is the game that is going to be played this year. In the evening the annual banquet will be held. Members of the Fifty Year Club will be the featured guests. Special entertainment will be provided during the service of the banquet and immediately following it a dance is scheduled to complete the evening's program.

Special attractions are being arranged for Saturday. Mrs. Jarden will act as hostess of the ladies' reception committee.

Power Alcohol Held Impracticable in India

The Power Alcohol Inquiry Committee appointed by the government of Bombay a short time ago has reported to the government that, after thorough examination, the conclusion had been reached that it was not practicable to prepare alcohol from molasses or mohara flowers for use as motor fuel, but that these articles could be employed for manufacturing products which could be used for surfacing roads and for other purposes, according to office of the American trade commissioner at Calcutta.

Crown Drug Company August sales amounted to $666,233, against $680,612 in August, 1937.

Oils, Fats, and Waxes

August Cottonseed Oil Consumption Larger Than Expected—Prices Rise, Then Recede—Linseed Oil Higher with Flaxseed —Crude Coconut Oil Advanced—Business Better

Business in miscellaneous oils, fats and greases was somewhat more active last week. Consumers were generally disposed to limit their takings to moderate quantities but an increase was noted in the volume of orders for such lots. Changes in quotations were about evenly divided between advances and reductions. A development of interest was the publication of the first monthly government cottonseed report for the season. It indicated that 326,723 barrels of refined oil were consumed during August, these figures being considerably larger than expected.

Chinawood oil continued to weaken as the trend of prices abroad was still downward while demand here was slow although there were reports of a somewhat better inquiry late in the week. Oiticica oil was easier with chinawood. Offerings of perilla were noted at further concessions. Soybean oil was quiet and steady.

Refined fish oils were steady at the recent reduction in prices with some improvement noted in the movement to consumers. Offerings of crude fish oils continued to be reported as light in primary centers. Cash lard had an upward trend at times in company with futures in the West where speculative sentiment was influenced by the strength of grain. Tallow offerings continued light and the market had a steadier tone.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Candelilla, wax, ½c. per lb.
Coconut oil, crude, ⅛c. per lb.
Cottonseed oil, crude, ¼c. per lb.
Japan wax, ¼c. per lb.
Lard, 15c. to 25c. per 100 lbs.
Lard oil, burning, ½c. per lb.
Linseed oil, 6-10c. per lb.
Linseed oil fatty acid, ½c. per lb.

Reduced

Beeswax, African, 1½c. per lb.
Chinawood oil, ½c. per lb.
Corn oil, crude, ¼c. per lb.
Linseed cake, $1 per ton.
Oiticica oil, ½c. per lb.
Peanut oil, ¼c. per lb.
Perilla oil, ⅝c. per lb.
Teaseed oil, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.8	101.8	105.2	133.2

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Chinawood. — The local market remained extremely quiet much of the time last week, consumers still being inclined in many instances to adhere to a waiting course in view of the downward trend of prices abroad and the disturbing character of political news from Europe. Offerings from abroad continued light but stocks here appeared to be more than ample for the limited requirements of consumers and dealers. There were offerings at 12c. per pound in tankcars on spot and reports were current to the effect that this figure could be shaded on a bid. Late in the week inquiries were received rather more numerously in some quarters but actual business was apparently confined to unimportant quantities. According to a report from Washington, shipments from Hongkong to the United States in July were 9,646,800 pounds. Clearances from Hankow during August were estimated at 8,800,000 pounds with stocks at that center at the close of August put at 22,000,000 pounds, the highest in recent years for the period. In addition to the oil leaving Hankow, it was reported that between 10,000,000 and 12,000,000 pounds were shipped from Changsha to Hongkong by truck and rail during July and August.

Coconut. — A firmer tone developed in the local market for crude oil, the price being advanced ⅛c. to 3⅜c. per pound in tankcars. There were reports current to the effect that consumers were manifesting rather more interest in the situation although no transactions of consequence were noted. Quotations on refined oil were unchanged and the tone of the market appeared to be steady.

Corn. — The market for crude oil was quiet, consumers being inclined to hold off for further developments in other products. Quotations were shaded ⅛c., but offerings continued light. The indicated corn crop on September 1 was 2,454,526,000 bushels against 2,566,221,000 bushels a month earlier and a production last year of 2,644,995,000 bushels.

Oiticica. — With the trend of chinawood oil downward, the market for oiticica oil was easier, quotations being shaded ¼c. Offerings were light but the inquiry was quiet.

Olive. — A somewhat better inquiry was reported for moderate lots of denatured oil and foots. The market was steady. According to consular advices from Palermo, the 1938 olive crop in Sicily was severly damaged by rains. One prediction is that the quantity of oil produced in Italy during the 1938-39 season will be about 1,300,000 to 1,400,000 hestoliters while other estimates range from 1,100,000 to 1,600,000, these figures being much smaller than the production in recent preceding years.

Perilla. — The inquiry was slow and the market was easier, offerings being noted at about ¼c. below the figures prevailing in the previous week.

Soybean. — A steady tone prevailed. There were reports of a better inquiry. According to the monthly government report the indications on September 1 pointed to a production of beans in the six principal states of 41,828,000 bushels, against 38,128,000 bushels in 1937, and 27,716,000 bushels in 1936.

Markets at Other Centers

Chicago, Sept. 16.—Changes of only minor importance have been reported lately in the vegetable oil market.

COCONUT.—Coast basis, September-forward, 2¾c. to 2⅞c. per pound. Refined, edible oil, 9c. to 9¼c. per pound, barrels, car lots; and 9¼c. to 9½c., barrels, less than car lots.

CORN.—Crude, low acid, 6⅞c. to 7c. per pound, partly nominal. Refined, edible oil, 9¾c. to 10¼c. per pound, barrels, car lots; and 10¼c. to 10½c., barrels, less than car lots.

CHINAWOOD.—Ruling nominal 13.2c. to 13.3c. per pound, prompt; and 12.6c. to 12.7c., deferred.

PEANUT.—Crude, 7½c. to 7⅝c. per pound.

SOYEEAN.—Crude, mills, 5c. to 5¼c. per pound.

The market for soybeans on the Chicago Board of Trade was irregular with grain. Trading was quiet. According to the monthly government crop report the condition of soybeans on September 1 was 87 percent, the same as on August 1. The crop improved in Northern states but the improvement there was offset by a decline in Southern and Southwestern states. The indicated production in the six important commercial states is 41,828,000 bushels. Consular advices from Dairen state that soybean prices declined sharply during July owing to indications of a large 1938 crop and liquidation of holdings by speculators. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Sept. 16.	Closing Sept. 9.
December	$0.79½	$0.76	$0.79½	$0.76¼
May	.81½	.77¼	.81½	.77½

San Francisco, Sept. 13.—For the most part a quiet atmosphere ruled the vegetable oil market here last week, when prices turned slightly easier again and none of the materials have as yet had time to react to the German situation.

Ruling prices are:—

COCONUT.—Crude oil was active at times last week on the basis of 2¾c. per pound in tankcars, f.o.b. Pacific Coast ports. Sellers' ideas today are on the basis of 2⅞c. to 3c. per pound, f.o.b. ports and/or mills.

CHINAWOOD.—Quiet. Chinawood oil is easier, with sellers quoting on the basis of 11¾c. per pound in tankcars, f.o.b. Pacific Coast ports.

BABASSU.—Quoted on the basis of 5¾c. per pound in tankcars, f.o.b. mills, Pacific Coast.

COTTONSEED.—Foreign suppliers are not offering, owing to the price differential in favor of the American product.

PERILLA.—Slightly easier during the week, with sellers quoting on the basis of 9.30c. per pound in tankcars for prompt or deferred shipment, f.o.b. San Francisco.

RAPESEED.—Refined and denatured oil is quoted on the basis of 57⅛c. per pound in tankcars, f.o.b. Pacific Coast ports for shipment out of the Orient. Spot stocks quoted on the basis of 6¼c. per pound.

TEASEED.—High acid content oil is quoted on the basis of 5.50c. per pound in tankcars, f.o.b. Pacific Coast ports, with standard acid content material reported to be unavailable.

COPRA.—Buying has picked up here, although the price situation has not reacted particularly. Parcels were taken up at ranges of price from 1.80 to 1.825 cents per pound, c.i.f. Pacific Coast ports, with further quantities available on the latter basis today. Because of its war time value, crushers here are paying keen attention to what European buying is in progress at producing centers, which was said to be only slight last week.

London, Sept. 6.—Soybean oil, crude, 24s. per cwt.; rapeseed, crude, 30s. 9d.; palm kernel, refined, English, 24s.; peanut, Bombay, 21s.; sardine, Japanese, 16s.; whale, crude, Rotterdam, 13s. 9d.

Linseed Oil

Changes in flaxseed prices were frequent and at times sharp. Linseed oil higher. Cake easier. Meal steady.

Flaxseed—DULUTH, Sept. 16.—Receipts of new crop flaxseed are tapening off in Northwest markets, with indications the peak of the 1938 movement has been reached. In the Duluth cash market, however, No. 1 seed met with steady demand and firm premiums were maintained at 4c. to 7c. over Minneapolis September. Last week's government crop report, indicating a flax harvest of 7,992,000 bushels, was in line with trade expectations. Nervousness was evident in the futures market, however, because of sinking spells in Buenos Aires quotations, but trading in futures continued light.

The week's closing price range was as follows:—

	Cash.	Sept.	Oct.
Saturday	$1.78	$1.72	$1.72
Monday	1.80¼	1.73	1.73
Tuesday	1.81½	1.74	1.73½
Wednesday	1.89	1.81	1.80
Thursday	1.83	1.81	1.81
Friday	1.83	1.81	1.80

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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MINNEAPOLIS, Sept. 16.—The rather marked falling off in the country movement of flax was the real feature of the week in the local market. This is laid to a week of rainfall over a large part of the northwest and its interference with threshing operations. Heavy rains developed in south central and southern Minnesota and floods not only stopped threshing but interfered with the movement of seed from farms. Most of the current movement is coming from the northern area at present and represents flax recently threshed.

Local crushers are the chief buyers for delivery here and at the end of the lakes. One cash house is buying freely and this tends to keep competition fairly strong. Two boats have been loaded at Duluth and shipped to eastern lake ports to date and more are being loaded. If loads are not completed readily it is likely that crushers will permit more of the seed to go to the head of the lakes temporarily. After that local demand will be better and local stocks will be accumulated.

Country selling is much smaller than it has been because of weather conditions, but the farmers are selling quite freely to arrive at interior points and shippers are selling to arrive at terminals. So far no wet flax has been received here despite rains.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.78¼	$1.71¼	$1.72
Monday	1.80¼	1.73¼	1.74
Tuesday	1.80½	1.73½	1.74
Wednesday	1.89	1.81	1.82
Thursday	1.83	1.76	1.76½
Friday	1.83	1.81	1.80

Crop movement in bushels as follows:—

	Receipts		Shipments	
	1938.	1937.	1938.	1937.
This week	224,040	203,800	10,710	15,360
Since Sept. 1	1,583,200	958,750	32,370	38,412

WINNIPEG, Sept. 16.—The flaxseed market was quiet and irregular. The week's closing price range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.31¼	$1.31⅜	$1.29½
Monday	1.31	1.31½	1.30½
Tuesday	1.30½	1.31	1.30
Wednesday	1.35½	1.36	1.35
Thursday	1.33½	1.34	1.32½
Friday	1.35¾	1.36¼	1.35

BUENOS AIRES, Sept. 16.—Opening prices per bushel on October contracts were:—

	Last week.	Last year.
Saturday	$1.06½	$1.33⅞
Monday	1.06½	1.33⅞
Tuesday	1.07⅝	1.36¼
Wednesday	1.15¼	1.37⅝
Thursday	1.10⅝	1.36⅞
Friday	1.10⅝	1.36⅞

Exports

To—	Bushels		
	Last week.	Previous week.	Last year.
United States	547,000	327,000	500,000
United Kingdom	.....	.....	.....
Continent	713,000	224,000	201,000
Orders	31,000	.....	31,000
Others	4,000	16,000	331,000
Totals	1,295,000	567,000	1,063,000

Since January 1

To—	Bushels	
	This year.	Last year.
United States	9,018,000	20,235,000
United Kingdom	1,114,000	496,000
Continent	18,358,000	16,622,000
Orders	7,148,000	14,301,000
Others	1,639,000	4,853,000
Totals	37,277,000	56,507,000

Visible Supply

	Bushels.
Last week	4,331,000
Previous week	4,724,000
Last year	4,041,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels		
	Last week.	Previous week.	Last year.
United Kingdom	240,000	208,000	.....
Continent	.....	.....	8,000
Others	.....	.....	292,000
Totals	240,000	208,000	300,000

Since April 1—	Bushels	
	This year.	Last year.
United Kingdom	6,524,000	4,272,000
Continent	488,000	232,000
Others	84,000	640,000
Totals	7,096,000	5,144,000

HULL, Sept. 16.—Quotations on flaxseed were:—

	Per ton	
	La Plata.	Bombay.
Saturday	£10¾	..
Monday	10¾	..
Tuesday	10¾	..
Wednesday	11¼	£12¾
Thursday	11⅛	12¾
Friday	11⅛	12¾

Linseed Oil.—An upward trend in flaxseed prices in the Buenos Aires and domestic markets was reflected in the local market for linseed oil, selling schedules being advanced by crushers with 8.1c. per pound the prevailing quotations for tankcars. Business was active prior to the advance. Late in the week demand fell off and the undertone of the market was easier. Quotations were stationary but it was said to be possible to purchase at concessions on a bid.

According to some reports the volume of business closed during the period was large and covered deliveries as far ahead as the middle of next year. Advices from outside markets also reported liberal sales to paint and linoleum makers. As a result of the increased business production at the mills showed a further expansion, withdrawals on contracts were lighter but this was regarded as merely temporary and due to unfavorable weather for painting.

The monthly government flaxseed report was considered bullish, the indicated yield as of September 1, being 7,992,000 bushels, against 8,185,000 bushels in the previous month, the decrease being due mainly from drought and grasshoppers in North Dakota. Receipts of flaxseed at terminal points were smaller last week, the decrease in the movement being traceable to heavy rains.

MINNEAPOLIS, Sept. 16.—There was quite a revival in linseed oil trade during the past few days, partly because of the strength in prices. Some of the hesitant buyers finally came in after the market was advanced a time or two. Most of the buying concerned tankcar lots to be delivered up to the end of the current year. A few round lots were taken and there was a fair interest displayed in cooperage car lots. Warehouse lots were slower in tone, largely because of the state of the weather through the northwest.

Shipping instructions were good for a time and then slowed down on account of rainy weather over a large area, but now are improving again. Crushers still are operating about 50 percent of their capacity. Stocks of oil are gaining slightly but liberal contracts mature in the near future and with some instruction held back on August contracts a heavier out movement is expected shortly. Crushers have built up a fair reserve of flax, but are not likely to increase operations measurably until a further accumulation has been made.

Shipments of oil in pounds were as follows:—

	1938.	1937.
This week	2,212,519	2,243,080
Since Sept. 1	5,294,095	5,986,844

SAN FRANCISCO, Sept. 13.—Three separate rises in price featured the linseed oil market here during the week, keeping company with substantial bookings of oil, both in tankcars and in drums. Spread contracts were put into force, calling for delivery in some instances through June, 1939, with buyers in most cases taking advantage of the market just prior to the first and second raises. Deliveries continue good. Quoted: Tankcars, 8.4c. per pound; drum car-lots ex mill, 9c.; drum lots ex warehouse, 9.4c.

CHICAGO, Sept. 16.—Trade has been somewhat better in linseed oil here. Feeling seems to be a trifle more confident, although considerable uncertainty is still existing. Ruling prices are:—Tankcar, 8.3c. per pound; car lots, 8.9c.; less than car lots, 9.3c.

LONDON, Sept. 16.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	21	9
Monday	21	9
Tuesday	21	9
Wednesday	22	0
Thursday	22	6
Friday	22	6

Cake and Meal.—The market for cake was easier, quotations being shaded $1 per ton. The inquiry showed an increase at the lower level. Meal was steady. There was a fair inquiry for small or moderate quantities for prompt shipment.

MINNEAPOLIS, Sept. 16.—A slight improvement in meal demand reported for the past few days and currently the bulk of the output is being taken by the consuming trade. Prices declined slightly during the week and because of an apparent resistance point some short covering developed. Undertone is good and crushers are not pressing the market for either near or deferred shipment. Buyers are taking supplies for shipment from September to December.

Quality of the new meal is holding up and to date has been very satisfactory from a protein standpoint. Because of this the competition of other concentrates is unimportant.

Shipping instructions are fair to good and come with most fresh orders. Reserve stocks are being added to slowly.

Quotations on carload lots, f.o.b. Minneapolis, 100-pound sacks, $34 to $34.50 per ton.

Shipments of meal in pounds were as follows:—

	1938.	1937.
This week	3,249,380	5,204,555
Since Sept. 1	7,597,265	13,835,222

CHICAGO, Sept. 16.—Further easing has taken place in the linseed meal market. Buyers apparently do not feel much like entering the market with orders on a large scale and are taking their time about placing business. Plenty of material is available. Ruling prices are:—Round lots, $36 per ton, largely nominal; car lots, $46 to $36.50; less than car lots, $38 to $38.50.

Cottonseed Oil

Refined oil futures were irregular, fluctuations in prices being frequent. Southern market for cottonseed products generally steady.

Cottonseed Oil. — The principal event of the week was the publication of the first government cottonseed report for the season. This appeared on Tuesday and was bullish, the indicated consumption of refined oil during August being 326,723 barrels, or considerably more than many in the trade had expected. These figures compared with 332,986 barrels in the previous month, 315,162 barrels in the same month last year and 253,426 barrels in August two years ago. The visible supply showed a decrease for the past month of 1,533,100 barrels against a decrease in the same month last year of only 47,300 barrels.

The consumption figures caused buying for both long and short account. On Wednesday the covering movement was stimulated by a sharp rise in lard. This support, together with purchasing by trade interests and commission houses, lifted December to 8.21c. and March to 8.27c. The action of the market seemed to indicate to some that the short interest was more extensive than many had assumed. Later on the demand from shorts and others relaxed and with recent buyers liquidating and hedge selling showing some increase the market weakened especially as lard reacted.

According to the official statistics receipts of seed at the mills during August were 261,846 tons against 392,622 tons in the same month last year; crushed, 222,996 tons against 182,413 tons. Production of crude oil during the first month of the season was 67,603,021 pounds against 52,711,650 pounds in the same month last season; refined oil 53,996,158 pounds against 27,381,161 pounds. Stocks of seed at the mills at the close of August were 370,907 tons against 252,603 tons last year; crude oil, 46,381,823 pounds against 31,926,253 pounds; refined oil, 409,780,845 pounds against 342,368,430 pounds last year.

Crude oil was steadier in Southern markets, quotations being ⅛c. higher in some sections at one time with offerings reported as light. A more active inquiry was reported for cash refined oil and lard compound. Crude coconut oil was advanced ⅛c. The movement of seed to the cottonseed oil mills in some parts of the South was described as below expectations. Domestic and export trade in lard was reported as fairly active. Since Nov. 1 last, exports of lard from Atlantic and Gulf ports to all destinations amounted to 135,788,866 pounds, or 46,000,000 pounds more than in the same time last season. Receipts of hogs in the principal western markets for four days of the week aggregated 181,500 head against 136,200 head in the same time last year. The weight of the hogs received in Chicago during the week ended September 10 averaged 274 pounds, the same as in the previous week.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from September 10 to September 16, inclusive, comprised 1,039 contracts, a total of 62,340,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
January	8.17	7.75	8.04@8.07
March	8.27	7.83	8.10 sale
May	8.13	8.12	8.13@8.18
October	8.15	7.64	7.98 Nom
December	8.21	7.72	8.00@8.07
Crude, Southeast, .0650c. Nom.			

Chicago, Sept. 16.—A fair amount of buying has been reported in the cottonseed oil market here in the last few days. Good, off-Summer, yellow fig oil is 8c. per pound. Refined, edible oil is 9½c. to 9¾c. per pound, drums, car lots; and 10c. to 10¼c., barrels, less than car lots.

Hull, Sept. 16.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	20	6	17	6
Monday	20	6	17	6
Tuesday	20	6	17	6
Wednesday	20	6	17	6
Thursday	20	6	17	6
Friday	20	6	17	6

Cake and Meal.—Southern markets were generally steady. Trade in meal somewhat more active. Offerings reported as light. According to official statistics production of cake and meal during August was 99,884 tons against 79,974 tons in the same month last year. Stocks at the mills at the close of August, 216,879 tons against 34,250 tons last year.

Memphis, Sept. 16.—Scattered sales of crude oil at 6½c., Valley basis, with this figure still bid. Mills are reluctant sellers, claiming that there is no profit in selling oil at the present cost of seed. Seed prices $23 to $25 per ton at gin points, but numerous fights are going on around this section. At some local points quotations are as high as $35 per ton. This is keeping the seed market disturbed. Cottonseed meal steady at $21 per ton, Memphis basis. Slab cake, $18.50 per ton, Valley basis. Hulls, $2.50 to $3 per ton at mill points. Weather continues showery over a wide area, delaying picking and ginning.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	September 9.	September 16.
September	$20.00@20.50	$20.40@21.00
October	20.25@20.55	20.90@——
December	20.50@20.70	21.40@21.60
January	20.70@——	21.50@21.75
March	21.25@21.40	22.25@——

Fatty Acids

Capric Acid. — Quiet conditions prevailed but the tone continued steady. Production appears to have been on a small scale for some time past with the movement into consuming channels sufficient to absorb the output.

Castor Oil.—The market for this fatty acid remained in a steady position. There was apparently little change in the character of business, buyers being inclined to adhere to a conservative course, but there were reports of a somewhat better inquiry for moderate quantities.

Coconut Oil. — Basic material was stronger. Coconut oil fatty acid prices were generally stationary with the tone of the market steady. There was a fair movement of moderate quantities into local and other consuming channels.

Linseed Oil. — An advance in basic material was reflected in a stronger market for linseed oil fatty acid. An increase was noted in the volume of inquiries though consumers were not disposed to anticapte to any extent.

Red Oil. — Conditions remained about as noted in recent preceding weeks.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

• OILS •
CHINA WOOD OIL
PERILLA OIL
SARDINE OIL
SPOT FUTURE
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DARLING & COMPANY
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There were reports of a fair inquiry from makers of compounds used in the textile industry but the purchasing apparently did not involve important quantities. Quotations were more or less nominal.

Stearic Acid. — Raw material was steady and quotations on stearic acid were generally maintained at former levels. Trade was somewhat more active. Consumers were not disposed to anticipated, but an increase was noted in some quarters in the volume of orders for moderate quantities.

Tall Oil. — This fatty acid remained in the same steady position it has held for some time past. There was little change in the character of business last week but the inquiry was fairly active and the movement into consuming channels on contracts and transient orders was apparently up to that of recent preceding weeks.

Markets at Other Centers

Chicago, Sept. 16.—The fatty acids market now is marking time, with buyers inclined to watch the market closely and with sellers not pressing overly hard for sales.

FATTY ACIDS.—Corn oil, double distilled, 7¾c. to 8c. per pound, tankcar; 8¼c. to 8½c., barrels, car lots; 8¾c. to 9c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8½c. per pound, mostly nominal, tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; cottonseed oil, double distilled, 7¼c. to 7½c. per pound, tankcar; 7¾c. to 8c., barrels, car lots; 8¼c. to 8½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 2¾c. to 3c.; boiled down soap stock, 65 percent basis, 3¾c. to 4c.; cottonseed foots, 50 percent basis, 1¼c. to 1½c.

STEARIC ACID.—Distilled, single press, 10c. to 11c. per pound; double press, 10½c. to 11½c.; triple press, 13¼c. to 14¼c.

Fish Oils

Menhaden. — There were no further developments in the way of price changes in the local market for refined oil, selling schedules being held at the reduced levels announced in the previous week. There were reports of some improvement in business. Consumers were not disposed to anticipate to any important extent, but an increase was noted in the volume of inquiries and orders for moderate quantities. Offerings of crude oil remained light.

Sardine. — Business in the local market for refined oil was more active last week, buying interest apparently being stimulated by the recent reduction in prices. There were no further changes in quotations last week.

Whale. — A steady tone prevailed in the local market for refined oil, quotations being held at previous levels. There was a somewhat better inquiry for moderate quantities.

Markets at Other Centers

Baltimore, Sept. 14.—A continuation of inactivity in menhaden oil characterizes the situation here, this inactivity being attributed to the fact that the fishing down the bay has not improved, so that the companies operating vessels have been unable to obtain oil in sufficient quantities to take care of their commitments. According to report only one of the companies has thus far exceeded its catch of last year, while the industry as a whole is up to only about 60 percent of the yield of 1937. Under these circumstances the producers are not in a position to take on new business except in a small way, and this inability naturally serves to make them adhere rather firmly to the quotations which range around 28c. to 30c. per gallon. The production along the coast of New Jersey is stated to be very much better, so that the shortage in oil will not be as pronounced as would otherwise be the case.

San Francisco, Sept. 13. — Firmness, backed up by an unflinching attitude on the part of producers, ruled in the crude California sardine market last week as the price held steadily to a 28-cent level against the assaults of buyers who were bidding 26 cents, then 27½ cents, and finally paying the price asked. Sellers were adamant all along the line ,and their firm attitude kept the sales channels narrow and probably not more than 15 tankcars went into contract, the large buyers not injecting themselves into the picture. Their ideas of price were more or less submerged, but the general feeling present is that they would be interested in oil at the 26-cent price. The movement last week was apparently confined to the small users of fish oils, some of whom still have bids standing at 27½ cents.

Meantime, production last week stood practically still in the full moon period, when fishing operations were dropped, but the boats went out last night and returned with fair tonnages to the ports of Monterey and San Francisco. Present indications point to the supposition that there will be fish in very fair volume this season, if August can be used as a criterion. The catch during that month was the largest August on record, although the boats got off to an earlier start than usual.

Reports state that bad weather is hindering fish reduction operations in Oregon and Washington, and there have been no further sales mentioned in those districts. Southwestern Alaskan operations are said to be still good, with fishing for herring in Southeastern Alaska amounting to practically a failure this season.

Fats and Greases

Grease. — A steady tone prevailed. There were reports of a somewhat better inquiry from local and other buyers, consumers' buying interest apparently being stimulated by developments in other commodities.

Lard. — Domestic trade in cash lard was somewhat more active and there were reports of an increase in the foreign inquiry. The trend of futures was upward at times and the tone of the local cash market was firmer.

Stearin. — A steady tone prevailed with offerings reported as light. There was a fair inquiry.

Tallow.—There were reports of some increase in the volume of inquiries received for spot tallow though actual business was generally limited to moderate quantities. Offerings continued to be reported as light and the tone of the market was regarded as steadier. The last business noted was on the basis of 5¼c. per pound for extra f.o.b.

Trading in tallow futures on the New York Produce Exchange from September 10 to September 16, inclusive, comprised 9 contracts, a total of 540,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
October	5.45	5.40	5.35@5.50
December	5.60	5.60	5.45@5.70

Markets at Other Centers

Chicago, Sept. 16.—Trade in the cash lard market has been along rather restrained lines here recently. Ruling prices are still much below a year ago, and seem to be considerably under the influence of the unsettled action of related commodity and speculative markets. Shipping trade has been fair.

The range of lard quotations from the opening Saturday, September 10, to the close Friday, September 16, is shown in the following table:—

	Per 100 pounds				Previous
	Open.	High.	Low.	Close.	Friday.
Cash	$7.70	$8.00	$7.70	$7.92	$7.70
Oct.	7.55	8.00	7.55	7.85	7.62
Dec.	7.75	8.17	7.73	8.07	7.82

TALLOWS (tierces).—Edible, 6c. to 6¼c. per pound; prime, 5⅜c. to 5⅝c.; fancy, 5½c. to 5¾c.; special, 5⅛c. to 5⅜c.; No. 1, 4⅞c. to 5⅛c.

GREASES (tierces).—Choice white, 5⅜c. to 5½c. per pound; A white, 5⅛c. to 5¼c.; B white, 5c. to 5¼c.; yellow, 10-16, 4⅞c. to 5c.; yellow, 16-20, 4¾c. to 4⅞c.; brown, 4⅜c. to 4⅝c.

STEARINS (barrels).—Prime oleo, 7¼c. to 7½c. per pound; lard, packages, 8½c. to 8⅝c.; A white grease, 5½c. to 5⅝c.; yellow grease, 5c. to 5¼c.; extra oleo stocks, 8¾c. to 9c.; No. 2 stocks, 8½c. to 8¾c.

Liverpool, Sept. 16.—Quotations per cwt. on refined American lard were as follows:—

	Spot.	Oct.	Jan.	May.
	s. d.	s. d.	s. d.	s. d.
Saturday	46 3	42 0	43 0	44 0
Monday	46 3	42 0	43 0	44 0
Tuesday	46 3	42 0	43 3	44 3
Wednesday	47 6	43 3	44 0	.. ..
Thursday	48 0	.. ..	44 3	.. ..
Friday	48 0	43 3	44 3	.. ..

Liverpool, Sept. 16.—Quotations per cwt. on tallow were as follows:—

	Choice.	Fine, good mixed.
	s. d.	s. d.
Saturday	20 0	18 0
Monday	20 0	18 0
Tuesday	20 0	18 0
Wednesday	20 0	18 0
Thursday	20 0	18 0
Friday	20 0	18 0

Animal Oils

Degras. — The market retained a steady tone. Spot supplies appeared to be light or moderate and there was apparently no increase in offerings of foreign products. There was a fair inquiry.

Lard. — Quotations on most grades were stationary and the tone of the market appeared to be steady. Business lacked snap but there was a fair request for moderate quantities to fill the current needs of consumers.

Neatsfoot. — There were reports of a somewhat better inquiry though, as in recent preceding weeks consumers were generally disinclined to provide to any extent for future requirements. The market was steady.

Oleo. — Prices were held at former levels and the tone of the market appeared to be steady. There was a fair inquiry for moderate quantities from local and other consumers.

Markets at Other Centers

Chicago, Sept. 16.—Buyers of animal oils mostly are taking out small amounts here and there to protect their immediate requirements.

BIG THINGS ARE HAPPENING IN THE FATTY ACID FIELD

now! **Domestic Fatty Acids Derived From Pine Wood**

THE big things in favor of INDUSOIL (refined Tall Oil) and LIQRO (crude Tall Oil) are that they can be obtained immediately in large quantities, and that they are inexpensive and not subject to ordinary price fluctuations.

Produced at our plants in Covington, Va., and Charleston, S.C., INDUSOIL and LIQRO are being used extensively in place of more expensive fats and fatty acids.

Without any obligation, our technical staff will show you how INDUSOIL and LIQRO can be used to advantage in your process. Write our nearest sales office for generous samples of INDUSOIL and LIQRO.

INDUSTRIAL CHEMICAL SALES

DIVISION WEST VIRGINIA PULP & PAPER COMPANY

230 Park Avenue - - - New York

CHICAGO 205 W. Wacker Drive | PHILADELPHIA 1322 Widener Bldg. | CLEVELAND 417 Schofield Bldg.

LARD.—No. 1, 8¼c. to 8½c. per pound.
OLEO.—No. 2, 8¾c. to 9c. per pound.
TALLOW.—Acidless, 7½c. to 7¾c. per pound, tanks; and 8½c. to 8¾c., drums.

Waxes

Bees.—African wax was unsettled and on the easier side, quotations being 20½c. to 21c. per pound in 10 bag lots, and 21c. to 21½c. in single bags. On car lot quantities, about 19½c. might be done. Brazilian was held vary steady but there was little demand. Refined and bleached waxes were very steady.

Candelilla.—The market was firmer in practically all respects and spot quotations were up to 15c. to 15½c. per pound in ton lots, and 15½c. to 16c. in smaller quantities. Stocks of low cost wax on this market have been shrinking steadily and the market tended to rise to a proper parity with prices at the source.

Carnauba.—The market was not especially active on spot. Prices in Brazil were steady and a similar situation prevailed in local circles. Offerings were conservative from the source and shippers were not usually disposed to accept bids, their position having been strengthened by co-operative efforts that have led to export sales to the United States being made through a single agent in New York City. In essentials, the present arrangement amounts to being a co-operative among the shippers and producers of this wax.

During the first five months of 1938, the United States, with 6,710,900 pounds was Brazil's first-ranking foreign customer, followed by Great Britain with 2,282,300 pounds, and Germany with 230,900 pounds. Efforts are being made to develop production and Brazilian observers anticipate a steady expansion in production. One of the outstanding factors which is expected to stimulate the production is the recent construction and placing on the market of a machine which mechanically extracts the wax from the leaves.

Japan.—The market was fractionally higher at 10¾c. to 11c. per pound and an exceptionally firm position prevailed as the result of strength that has governed the primary market for a long time, and because of the absence of excessive stocks on spot.

Caldwell Pepsin Syrup Case Argued Finally Before F.T.C.

OPD Washington Bureau
September 14, 1938

The Federal Trade Commission today heard final argument in its complaint against Dr. W. D. Caldwell, Inc., Monticello, Ill., distributor of a liquid laxative, "Dr. Caldwell's Syrup Pepsin."

Counsel for the Caldwell company told the commission that a number of the advertising practices attached in the complaint had been stopped before the complaint was issued, following the signing of a stipulation with the commission's attorney on the accuracy of the labeling of the product, declaring that all active ingredients are named thereon, and that the statements as to ingredients are entirely true. He pointed out that the product has been on the market for many years and that the Food and Drug Administration of the Department of Agriculture has never taken any action against it.

The commission's attorney declared that the term, "Syrup of Pepsin," is a misnomer as there is not enough pepsin in the product to justify calling it by this name. He also introduced testimony of physicians purporting to indicate that the product does not have the therapeutic value claimed for it by the Caldwell company.

Crozier Named Manager Of Calvert Drug Company

Baltimore, Sept. 14, 1938

The directors of the Calvert Drug Company, local cooperative wholesaling organization, today elected John A. Crozier manager of the business, to succeed the late Albert E. James. Mr. Crozier had been acting as manager during the long illness of Mr. James.

Mr. Crozier became associated with the Calvert organization eleven years ago. Like Mr. James he came into the business from the wholesale drygoods house of Johnson, Boyd & Co.

B. Hervey Cabell, jr., of Armour & Co., Lttd., London, has been elected first vice-president of the American Chamber of Commerce in London.

A Guaranty of MERCK Purity & Reliability

Quinine Sulfate MERCK U. S. P. XI

High standards of purity and exacting control ensure the dependability of all Merck chemicals. The following Quinine Products are available for your preparations:

- Quinine Acetate Merck
- Quinine Alkaloid Merck
- Quinine Arsenate Merck
- Quinine Arsenited Merck (Arsenite)
- Quinine Bisulfate Merck U.S.P. (Cryst. or Powd.)
- Quinine Citrate Merck
- Quinine Dihydrobromide Merck
- Quinine Dihydrochloride Merck U.S.P.
- Quinine Ethyl Carbonate Merck U.S.P. (Euquinine)
- Quinine Ferrocyanide Merck
- Quinine Formate Merck
- Quinine Glycerophosphate Merck N.F. IV
- Quinine Hydriodide Merck
- Quinine Hydrobromide Merck N.F.
- Quinine Hydrochloride Merck N.F.
- Quinine Hydrochlorosulfate Merck
- Quinine Hypophosphite Merck
- Quinine Lactate Merck
- Quinine Oleate Merck N.F. IV (contains 25% Quinine)
- Quinine Phenolsulfonate Merck (Quinine Sulfocarbolate)
- Quinine Phosphate Merck N.F.
- Quinine Salicylate Merck N.F.
- Quinine Sulfate Merck U.S.P. X
- Quinine Sulfate Merck U.S.P. XI
- Quinine Tannate Merck U.S.P. X
- Quinine Tartrate Merck
- Quinine Valerate Merck N.F. IV Powd.
- Quinine & Urea Hydrochloride Merck U.S.P. Powd.
- Quinisal (Quinine Bi-Salicylo-salicylate Merck)

QUININE Sulfate Merck U.S.P. XI is in the form of white, fine, needle-like, odorless crystals, making a light and readily compressible mass. This is the old reliable Quinine Sulfate made more stable by removing two-thirds of the inert water. Thus the ever present problem of loss of weight, in reality loss of moisture, is eliminated. It is suitable for capsulating, tableting, and repackaging. In addition to its specific value in malaria, the use of Quinine, with the Sulfate as the predominating salt, has been prominently recognized as a remedy in many other conditions. We invite you to write us regarding your manufacturing problems and requirements, including definite mesh and density specifications.

MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J.

Drugs, Fine Chemicals

Danger of War in Europe Stiffened Conditions Surrounding Quicksilver, Glycerin, Alcohol, Quinine, and Solvents —Outlook for Fall Business in Seasonals Good

Pricewise, the drug and fine chemical market was a very steady affair last week. Stability was the governing force in the market as a whole and, as one factor expressed it, if there is no war in Europe there won't be many price changes here. There was more than a grain of truth in that view. Basically, most raw materials were in firm position. Prices on manufactured goods were in firm position, too, and, for the most part, they were well aligned with the cost of production. War in Europe could quickly change that picture of the market.

Among materials watched closely last week were glycerin and quicksilver, both of first importance in the production of munitions and both very sensitive to price developments and conditions activating each in the European markets. Demand for both was no larger, but both were at least steadier and leading sellers were primed to meet promptly any change in conditions abroad and in demand here. Quinine was another article always sensitive to widespread war and it was fully firm in all respects. Alcohol, methanol, and all solvents lacked change though all were prominent in the list of materials to tbe affected by war.

The trucking strike, recently reported as threatening this city, began on September 15, and reports stated that it would be quickly extended to adjacent cities in New Jersey. It was not called by union officials, however, being in fact an unauthorized and "outlaw" walkout at a time when negotiations between employers and union officials were still going forward.

Outlook for Fall business was said to be very fair. With Winter not so far away, dealers, producers, wholesalers, and jobbers alike were preparing to meet the larger and wider call usual to the market in the pre-Winter period.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

Cadmium metal, 10c. per lb.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
182.8	**182.8**	**183.0**	**182.5**

Market news that may have developed after this report was sent to press will be found on page 4.

Acetanilide.—Movement into consuming channels compared favorably with that in recent weeks. Prices were generally steady in a market notable for firm undertones and not much competition.

Acetphenetidin. — Sales during the Summer months have been fair in volume, contributing to the support of a steady market and keeping market undertones on the firm side. Business last week was fairly satisfactory and prices were well held.

Acid, Acetylsalicylic. — New business was moderate in size. Many distributors and users seemed to hold fair sized stocks of the material and hence for the time being were not interested in placing replacement orders. Prices were very steady in keeping with a reasonably good outlook for Fall sales.

Acid, Ascorbic.—The article was steadily finding an increasingly important place in industry and leading suppliers reported a steady and well maintained market. Reports from Germany indicated that consumption there has reached substantial proportions during the past year and a half. A considerable part of this German need was supplied by the United States. It is a source of vitamin C.

Acid, Citric. — Business was not especially active but reports from jobbers and wholesalers as well as supply houses indicated that their sales to the beverage trade were holding up well because of favorable weather conditions.

Acid, Tartaric.—Volume held up fairly well. Movement was along lines laid down in the past two or three months and the undertone of the market was firm. Prices reflected the continued maintenance of a fairly high cost of raw material. Reports from the Department of Commerce indicated that Chile is becoming an increasingly important buyer of American acid. In 1937, she bought 1,229 kilos here, as compared with 599 kilos in 1936. Germany was the next largest supplier with a record of 1,801 kilos for 1937, against 1,526 tons in 1936. Other countries exporting to Chile were Belgium, France, Great Britain and Italy.

Alcohol. — All reports indicated a growth of activity in the anti-freeze market, but a lack of substantial expansion in sales to industrial users. The market was still subject to considerable unsettlement in which competition was no small element in the general situation which has kept the future of the entire market uncertain to a substantial extent. There has been some talk of a possible change in prices but nothing definite along that line has been indicated in reliable quarters.

Aloe. — A strong market on the basic article prevailed and there were no signs of a change in that aspect of affairs. It seemed more than probable that values would be maintained until such time as a supernormal crop shall be marketed from the source.

Aloin. — Values held very steady. The tendency of prices was upward, if any. However, the advance over the past year has been substantial and some reports have indicated that actual consumption was not too large in some quarters.

Amyl Acetate. — No further reduction was made in prices and for the time being the market remained fairly steady, although there was considerable competition when attractive business was in sight.

Antipyrene. — Jobbing business was very good, holding prices steady. Furthermore, with a wider demand expected to develop as the season advances, undertones in the market were on the firm side.

Bismuth Metal and Salts. — Trade was generally quiet. Buyers were not disposed to extend coverage of their needs much beyond those of the immediate future. Prices were steady and there were no signs of an early movement of values.

Caffeine. — More request for citrated and hydrobromide caffeine seemed to be developing and an active movement was expected to develop as the Winter season approached. Alkaloid was in routine call. All prices were steady.

Camphor. — Demand continued fairly active. Distributors have been providing for their early Winter needs and the resulting movement has been a gain over that in the not far distant past. Prices have responded to better business by developing a generally firm undertone.

Castor Oil. — Some revival of demand along broader lines indicated a more favorable outlook for Fall business. Consumer needs were expected to gain since there were definite signs that demand for many products would grow because of small inventories.

CHICAGO, Sept. 15.—Castor oil business is along routine lines. Inquiries are reasonably brisk from principal consumers. Orders, too, have been holding up fairly well. Ruling prices are:—No. 1, barrels, car lots, 10½c. per pound; barrels, less than car lots, 10⅞c.; returnable drums, car lots, 9⅞c.; less than car lots, 10⅝c.; tanks, 9⅜c.; No. 3, barrels, car lots, 9⅝c.; barrels, less than car lots, 10⅜c.; drums, less than car lots, 10⅛c.; tanks, 8⅞c.

Cocoa Butter. — A fairly stable market prevailed. While large demand was lacking, that of smaller description was very good and gave considerable support to prices usually described as being very steady.

Codeine. — At the moment, ample stocks of this article were in hand and it appeared that there would be no difficulty in supplying the early Winter

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Industrial and Pharmaceutical Chemicals

METHYL ETHYL KETONE

The consumption of Methyl Ethyl Ketone in the lacquer, ink, resin and plastic industries, indicates that its properties have been found to have considerable value. Its advantage as a solvent in the formulation of lacquers is well known and its high solvency and low weight (6.72 lbs. per gallon) are characteristics which give it considerable advantage over other low boiling solvents.

The high purity of Shell's Methyl Ethyl Ketone is an essential factor.

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GLYCEROPHOSPHATES
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PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
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Packed in drums and cans
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205 East 42nd Street, New York City

VITAMERICAN OIL COMPANY, Inc.
11 West 42nd Street - - New York, N. Y.
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ALKALOIDS
CAMPHOR NATURAL, Japanese
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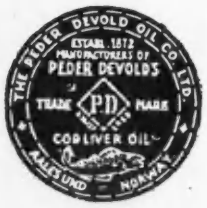
COCOA BUTTER, U. S. P.
CONTI WHITE CASTILE SOAP, U.S.P.
Bars, Powdered, Granulated
MENTHOL
SANTONINE
CHAS. L. HUISKING & CO.
— INCORPORATED —
Chicago Branch: 561 East Illinois Street
155 Varick Street, New York, N. Y.



requirements which should widen demand and increase volume considerably.

Ether. — Stable conditions, as to both demand and price, were the rule locally. Trade compared favorably with that of recent date. Some found it slightly improved, in fact. Statistics covering Japanese production were released as follows by the Department of Commerce.

	Kilograms.
1929	564,523
1930	552,195
1931	520,451
1932	605,306
1933	892,301
1934	1,195,781
1935	2,383,225
1936	1,842,354

Glycerin. — The week here passed without development notwithstanding the critical situation existing between Germany and Czechoslovakia, and involving the rest of Europe. Danger of war was never greater since August 11, 1918, and the situation was such as to make holders of most kinds of glycerin none too anxious sellers. War in Europe would cut sales to this country and in all probability production of domestic glycerin would be possible only on the basis of a rising cost of manufacture. Prices held firm.

CHICAGO, Sept. 15.—Business has picked up substantially in the glycerin market, with buyers taking considerable amounts of material. C.p. and other grades are sharing in this improvement. Ruling prices are:—C.p., drums, car lots, 14¼c. per pound; drums, less than car lots, 14¾c.; cans, 16¼c. to 18¼c., according to quantity; high gravity, drums, car lots, 13¾c.

Menthol. — The market was less active than it had been. While a fair request for small lots still prevailed, the market lacked substantial underlying strength so far as demand from consumers was concerned. Prices continued to be held at recent levels. Statistics covering exports from Japan during the first five months in three years were as follows:—

	*100 kin		
	1936.	1937.	1938.
British India	14	218	78
Straits Settlements	203	134	5
Great Britain	13	105	87
France	206	129	175
Germany	105	49	122
United States	1,067	1,924	1,325
Canada	14	44	23
Other	113	166	130
Total	1,775	2,769	1,945

* 100 kin equal 132.2772 pounds, or 60 kilograms.

Quicksilver. — The tense situation in Europe which brought war nearer than at any time since August 11, 1918, was being watched closely. Should war come, and the threat most of last week was great, effect on the quicksilver market would likely be prompt. Buying has been so light generally for so many weeks that demand from consumers would be expected to expand sharply should the mercury stocks and production of Europe be tied up by war activities. Pricewise, the spot market lacked any development, but a firmer tone prevailed and the market was being watched closely.

SAN FRANCISCO, Sept. 13.—War fever has apparently not affected the quicksilver situation to any important extent, although last week the undertone of the market appeared to be firmer, when major sellers' views were stiffened and metal was apparently being held for no less than $75 to $76 per flask.

Quinine. — The market was firm and active within the fairly satisfactory limits prevalent for some time past. Also, outlook for the future of trade was good. Of course, the minds of many were on the European crisis that brought the world closer to war than at any time since the Armistice of 1918. Quinine is an article that war usually affects substantially and, usually, promptly. Inflation of prices would follow almost certainly should a war which involved the major powers of Europe develop despite the history-making efforts made last week to preserve peace.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 500 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	31½	42⅝	19 3/16
Monday	31½	42¾	19 7/16
Tuesday	31½	42¾	19 7/16
Wednesday	31½	42¾	19 7/16
Thursday	31½	42¾	19 7/16
Friday	31½	42¾	19 7/16

Soda Benzoate. — Consumers were using stocks promptly since the active season of the year was in full swing. Most of the large needs had been covered and activities of producers were mainly confined to keeping deliveries prompt on schedule. Prices were steady.

Sulfanilamide. — The market was steady as to price. The development that threw restrictions around sales for indiscriminate consumption, as reported in the previous week, was without effect on the general situation as applied to producers.

Free Goods Status Explained by F.T.C.

Some information in respect of conditions under which offers of 'free goods," made in connection with the sale of other merchandise, are illegal was given by the Federal Trade Commission September 7 in dismissing a complaint against Samuel Stores, Inc., this city, which operates a chain of retail apparel stores.

The company advertised that, during a limited period, it would give purchasers of merchandise amounting to $25 certain gifts of other merchandise. The commission found that prices of the goods were not advanced in connection with this offer; there were no restrictions placed on the nature of the purchases, and prospective customers were fully informed of all conditions. This practice it therefore concluded did not constitute an unfair method of competition.

In its opinion, however, the commission warned that many "free goods" offers may actually constitute unfair methods of competition, particularly where they are in the nature of a lottery, involve misrepresentation of the standard price of articles, or involve any deception of customers. These views are elaborated in the commission's statement.

Theron Usher has been elected to the directorate of the Coca-Cola Bottling Corporation, replacing J. E. McClain, retired.

Portugal's medicinal, pharmaceutical and biological imports during 1936 amounted to $1,337,600, of which the United States supplied 14 percent.

BORAX
Reg. U. S. Pat. Off.
PURITY GUARANTEED OVER 99.5%
Reg. U. S. Pat. Off.
AND BORIC ACID
TRONA
Reg.U.S.Pat.Off.
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TRONA
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A 95-98% Grade for Agricultural Use.
A Special High Grade for Use in the Manufacture of Industrial Chemicals.
AMERICAN POTASH & CHEMICAL CORPORATION
70 PINE STREET - NEW YORK
Stocks carried in principal cities of the United States and Canada

Distribution Problems To Be Discussed

—Continued from page 3

dermadjian, general secretary of the International Association of Department Stores, Paris.

"Flat Freight Rates—Their Effect on the British Distribution System," Mrs. C. R. Taylor, editor, *Transport Management*, London.

"Costs of Retail Operation in European Countries," Dr. Julius Hirsch, Copenhagen.

(Subject to be announced later), Dr. H. M. Spitzer, director of the Economic Psychological Research Institute, Vienna.

September 27

9:15 A.M.

"Current Activity in Domestic Trade," Dr. Edward L. Lloyd, chief of the Market Data Section, United States Department of Commerce.

"Measurement in Sales Management," Henri Fayol, vice-president of the Comite National de l'Organisation Francoise and sales manager for the Davum Company, Paris.

"Executive Leadership and Distribution Problems of the Future," Fred Lazarus, jr., vice-president and treasurer of F. & R. Lazarus & Co., Columbus, Ohio.

"Effects of European Cooperatives on Retail Trade," Anders Hedberg, president of the Scandinavian Cooperative Luma Lamp Society, Stockholm.

"Industrial Relations in Department Stores," G. Holmquist, director of A/B Nordiska Kompanies, Stockholm.

"Price Policies in a Changing World," Dr. Melvin T. Copeland, professor of marketing, Harvard Graduate School of Business Administration.

12:10 P.M.

"The Distribution of Information," Ralph McA. Ingersoll, vice-president of Time, Inc.

"The Federal Trade Commission and the Consumer," Hon. R. E. Freer, member of the commission.

"Measuring Public Opinion," Dr. George Gallup, director of the American Institute of Public Opinion.

2:10 P.M.

"Consumer Research and Consumer Good-Will," Dr. Henry C. Link, of the Psychological Corporation, New York.

"What Could American Industry Distribute?" Dr. Isidor Lubin, Commissioner of Labor Statistics, United States Department of Labor.

"Monopolistic Aspects of Fair Trade Laws," Q. Forrest Walker, economist for R. H. Macy & Co., New York.

"Fair Trade Laws and Competition," William H. Ingersoll, of Ingersoll, Norvell & Babson.

"What's Ahead for the Independent Store?" Hector Lazo, executive vice-president of Cooperative Food Distributors of America.

"The Movement for Modernized Packaging in Europe," John Ryan, sales manager for the Metal Box Company, London.

"The Distribution of Bakery Products," L. J. Schumaker, president of the American Bakers Association.

Registrations for the conference are received by Daniel Bloomfield, director, 80 Federal street, Boston. The registration fee for the six sessions, together with luncheon at each of the two midday sessions, is $10.50; for the other four sessions it is $5. The proceedings will be issued in printed form; the registration fee covers this book. Copies of the proceedings may be procured on order to Mr. Bloomfield, for $3.75 each, postpaid.

N.W.D.A. to Discuss Fair Trade Problems

—Continued from page 5

Sept. 29; Thursday

Fourth Session

10:00 A.M.

"The New York World's Fair," by Grover A. Whalen, New York.

"The Need for Uniform Food and Drug Legislation," by Dr. F. J. Cullen, general representative for the Proprietary Association.

Address: Walter D. Fuller, president of the Curtis Publishing Company, Phila., Pa.,

Election of Officers for Ensuing Year.

Installation of Officers.

Adjournment.

Entertainment Program

The entertainment side of the program lists a reception of welcome Sunday, September 25, from 5 p.m. to 7 p.m. by a committee headed by Mr. and Mrs. Percy Magnus, in the fountain room of the hotel. This will be followed by a show, "Manhattan Music Hall," which will be presented by Lynn Murray and choral galaxy from the Columbia Broadcasting Company. A reception will be given Monday evening in honor of President and Mrs. Mahlon J. Buck, followed by a dance. Fred Waring and his famous Pennsylvanians in a revue of music and entertainment will feature Tuesday evening entertainment.

Wednesday evening there will be presented "The World's Greatest Medicine Show." On Thursday evening the annual banquet will be held, with Hawaiian string music featuring the entertainment. The annual men's golf tournament will be held Tuesday. The ladies program of entertainment lists a luncheon, at which Mary Pickford will be guest; a fashion show, a bridge party, and a ladies' putting and driving contest.

The official train for the convention will leave the Pennsylvania station, this city, at 6:30 p.m., Eastern standard time.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any direct office or co-operative office of the bureau, and not to this publication. When writing give the number of the item:—

Borax:—Agency; Calcutta, India (7746).

Black, carbon:—Agency; Rio de Janeiro, Brazil (7743).

Chemicals, rubber:—Purchase; Pratteln, Switzerland (7775).

Dyes, anilin:—Agency; Bucharest, Rumania (7747).

Paraffin, blocks:—Agency; San Jose, Costa Rica (7753).

Paints:—Agency; Buenos Aires, Argentina (7783).

Pharmaceuticals:—Agency; Buenos Aires, Argentina (7783).

Rosin:—Agency; Calcutta, India (7746).

Soda ash:—Agency; Calcutta, India (7746).

Turpentine:—Agency; Lima, Peru (7748).

Turpentine:—Agency; San Jose, Costa Rica (7753).

Zinc oxide:—Purchase; Bogota, Colombia (7745).

Zinc sulphite:—Purchase; Bogota, Colombia (7745).

American Mining Congress will hold its fifth annual meeting and exposition in Los Angeles October 24 to 27.

MENTHOL
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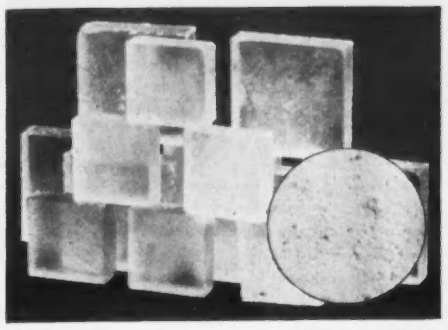

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Alcohol Consumed in Industry

—Continued from page 3

Processing Industrial, Food, Drug, and Other Products

	Number of permittees.	Wine gallons: Amount used including reused.†	Wine gallons: Amount recovered for reuse.
Dehydrated nitrocellulose	10	16,972,882	14,610,810
Petroleum oils	8	3,317,140	3,085,009
Pectin	8	6,720,960	6,553,111
Other food products	19	103,401	84,594
Drug products	153	6,350,712	5,324,848
Sodium hydrosulphite	5	1,091,872	995,838
Dyes and intermediates	14	561,304	332,127
Other chemicals	17	876,390	639,063
Miscellaneous products	38	575,783	348,453
Total processing industrial, food, drug, and other products	‡246	36,470,653	31,373,853

Toilet Preparations and Related Products

Hair and scalp preparations, exclusive of shampoos	919	1,004,891	.....
Shampoos	157	189,552	261
Bay rum	355	387,520	.....
Other face and hand lotions	711	529,820	.....
Toilet waters	591	565,884	.....
Perfume and perfume tinctures	463	235,022	.....
Toilet soaps (including shaving cream)	70	35,271	.....
Mouth washes	376	790,465	.....
Tooth pastes and powders	31	31,934	.....
Total toilet preparations	‡1,685	3,779,359	261

Pharmaceutical Products for External Use

Products manufactured in accordance with formulae of the U.S.P. or N.F. (except tincture of iodine)	121	284,578	.....
Tincture of iodine	51	82,073	.....
Rubbing alcohol	333	3,348,356	.....
Other preparations for external use not listed in the U.S.P. or N.F.	499	244,973	.....
Total pharmaceutical products	‡759	3,959,980	.....

Cleaning, Preserving, and Flavoring Preparations

Tobacco sprays and flavors	110	1,557,931	.....
Cleaning preparations (including cleaning operations)	252	410,185	65,962
Deodorant sprays (non-body)	126	55,068	.....
Disinfectants, insecticides, etc	98	35,338	.....
Sterilizing and preserving solutions	45	32,819	.....
Embalming fluids	35	30,859	.....
Industrial soaps	19	20,981	.....
Miscellaneous	45	25,826	.....
Total cleaning, preserving, and flavoring solutions	‡671	2,169,007	65,962

Converted as a Raw Material in Chemical Manufacturing

Vinegar	38	5,085,335	.....
Ethyl acetate	13	8,514,740	300,818
Ethyl chloride	5	7,466,436	.....
Other ethyl esters	40	694,023	345,718
Dyes and intermediates	8	767,545	380,605
Aldehydes	4	27,160,082	17,447,508
Ethyl ether (sulphuric ether)	8	891,340	192,906
Other ethers	3	7,280,882	6,472,210
Ethylene dibromide	3	503,325	.....
Xanthates	3	407,280	.....
Fulminate of mercury	6	295,514	19,666
Ethylene gas	5	536,396	34,166
Miscellaneous	18	72,021	6,825
Total converted in chemical manufacturing	‡126	59,618,929	25,200,422

Fuels

	Number of permittees.	Wine gallons: Amount used including reused.†	Wine gallons: Amount recovered for reuse.
Motor fuels	3	90,368	.....
Other fuel uses	8	79,514	.....
Total fuels	‡11	169,882	.....

Laboratory and Experimental Uses

Laboratory and experimental uses	1,166	149,634	1,156
Grand total	¶4,249	139,109,095	60,809,575

* Includes specially denatured rum.

† Includes amounts reused after recovery where the alcohol has not become a part of the finished product.

‡ Represents number of permittees operating within each major grouping.

¶ Represents actual number of permittees operating.

Byles Is Hopeful Of Petroleum Industry

Statistical improvement has been shown by the petroleum industry since the first of the current year, says Axtell J. Byles, president of the American Petroleum Institute, in a communication to the REPORTER, although industrial demand from petroleum products reflected the lessened general business activity. An encouraging measure of stability has been attained in the crude producing division, Mr. Byles says, and he views the future hopefully.

Mr. Byles's comment is as follows:—

During the first half of 1938 the petroleum industry was called upon by motorists in the United States to supply gasoline in greater volume than at any time in the history of the business. The export demand for gasoline also ran at correspondingly higher levels than in 1937. This combined demand has helped to reduce gasoline inventories, and it is hoped that by the end of our high-consuming season stocks will have reached a level not much above that of a year ago.

While consumption of gasoline and kerosene was running higher than last year, the demand for fuel oils and industrial lubricants, reflected lowered operating levels of manufacturing industries generally. These products form an important part of the total market for petroleum products. Stocks of fuel oil are at high levels, but it is hoped that an increasing business activity will afford some measure of relief to this phase of the industry's operations.

Employment in the petroleum industry is apparently as high as, if not higher, than in 1929. Average weekly earnings during 1937 in both the producing and manufacturing branches increased almost 25 percent as compared with 1933. The average number of hours worked per week declined approximately 6 percent during the same period.

If the generally expected increase in business carries well into 1939, the demand for petroleum products should be satisfactory. The production of crude oil is in capable hands, and the refining and marketing branches of the business should reflect the stability in the crude oil producing branch, thus enabling them to continue to serve the public at the lowest prices compatible with such service over hte longest period of time.

Hokuren Head Visiting N.Y.

Hirosi Azuma, head of the Federation of Co-operative Societies of Hokkaido, Sapporo, Japan, is visiting New York as part of a world tour during which he will consult with leaders who merchandise the products of the Japanese co-operatives. The Hokuren, by which name the combined co-operatives are known, control the sale of pyrethrum flowers and menthol, in addition to other Japanese agricultural products. While in this city, Mr. Azuma is making his headquarters with the George Uhe Company.

Konetsu Kogyo Kabushiki Kaisha, an affiliate of the Hakodate Dock Company, Hakodate, Hokkaido, Japan, has been formed to specialize in the production of oxygen. The new company is capitalized at 100,000 yen, and will have a monthly capacity of 18,000 kilos.

Botanical Drugs, Spices, and Gums

German "Drang Nach Osten" Policy Once More Brings War Threat To Botanic Drug Center of Europe —Domestic Items Shaded

The botanical drug markets of the world were sat in a dither last week when, following a speech by Chancellor Hitler of Germany, Czechoslovakia-German political relations became so strained that Europe as a whole was brought closer to war than at any time since August 11, 1918. When the speech was made, 2,000,000 French soldiers faced 1,500,000 German troops across the river Rhine. The British high fleet was at its war station in the North Sea. Czechoslovakian armies had manned the German-Czech frontier. Following the speech, rioting in the Sudenten area of the Czech Republic caused martial law to be declared and extreme measures to maintain peace in the republic were taken. The situation amounted to civil war within the republic.

The bulk of European botanicals are collected in Czechoslovakia and Hungary. The former country has a population of 16,000,000 of which 3,500,000 are Germans living in the area abutting on the German boundary. These Germans seek annexation by Germany, or acceptance by the Czech government of terms that would result in the death of the republic, terms which that government said it would never accept. The crisis resulted in a history making journey of the British premier to Germany for a consultation with Hitler in the interest of maintenance of peace.

Thus did the German policy of Drang Nach Osten—Expand to the East—once more bring Europe to the verge of war and create conditions well calculated to affect spot botanical values if war comes.

Many manufacturing consumers were disposed to place substantial orders for European botanical drugs last week. War would make shipments of European botanicals highly difficult, uncertain, and subject to delays; chances for cancellation of contracts would be excellent if the Czechs should decide to defend the republic with its armed forces. Therefore, it was a week of caution so far as botanical drug sellers were concerned.

Although price reductions were numerous on spot, such changes were in the nature of price readjustments to bring local quotations into line with conditions resulting from stocks and prices in primary markets, plus the inventories held in some quarters in this market.

The trucking strike, recently reported as threatening this city, began on September 15, and reports stated that it would be quickly extended to adjacent cities in New Jersey. It was not called by union officials, however, being in fact an unauthorized and "outlaw" walkout at a time when negotiations between employers and union officials were still going forward.

Entries of botanicals at the port of New York since the week of January 1, 1938, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags—Detained.	Bags—Entered.
Anise	565	1,244
Belladonna	51	245
Caraway	784	8,303
Cardamom (cases)	49	1,123
Celery	...	1,633
Coriander	2,012	6,452
Cumin	856	2,256
Digitalis leaves (cases)	68	88
Dill	...	300
Fennel	256	719
Henbane leaves (bales)	42	107
Mustard	200	23,796
Poppy	300	25,898
Sage leaves (bales)	25	964
Sesame	953	8,150
Stramonium (bales)	516	518
Thyme (bales)	9	677

Price Changes

Prices were changed during the past week as follows:—

Advanced

Deertongue leaves, 1c. per lb.
Fringetree bark, 2c. per lb.
Euphormium gum, 5c. per lb.
Millet seed, yellow, ¼c. per lb.
Pepper, black, Lampong, ½c. per lb.
Pimento, ½c. per lb.
Sloe berries, 1c. per lb.

Reduced

Belladonna root, 1c. per lb.
Berberis root, 1c. per lb.
Beth root, 2c. per lb.
Blood root, 1c. per lb.
Broomtops, 1c. per lb.
Cantharides, Chinese, powd., 5c. per lb.
Cassia, Batavia, No. 1, ¼c. per lb.
No. 3, ¼c. per lb.
Cinchona bark, broken quill, 1c. per lb.
Clover tops, 1c. per lb.
Colombo root, 1c. per lb.
Culver's root, 1c. per lb.
Digitalis leaves, 2c. per lb.
Ephedra, 6c. per lb.
Fir balsam, Oregon, 25c. per gal.
Gentian root, whole, 1c. per lb.
ground, 2c. per lb.
powdered, 2c. per lb.
Gamboge, gum, pipe, 5c. per lb.
powdered, 5c. per lb.
Horehound, 1c. per lb.
Jaborandi leaves, 1c. per lb.
Laurel leaves, ¼c. per lb.
Mace, Banda, 1c. per lb.
Batavia, 1c. per lb.
Matico leaves, 1c. per lb.
Orris root fingers, 5c. per lb.
Paprika, Hungarian, extra fancy, 2c. per lb.
medium, 2½c. per lb.
Spanish, extra fancy, 1c. per lb.
medium, 3½c. per lb.
Peppermint leaves, domestic, 2c. per lb.
foreign, 2c. per lb.
Rose flowers, red, 20c. per lb.
Spikenard root, 1c. per lb.
Tamarinds, ½c. per lb.
Valerian root, ½c. per lb.
Wahoo, root bark, 5c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
121.6	**121.8**	**122.7**	**128.1**

Market news that may have developed since this report was sent to press will be found on page 4.

Balsams

Fir.—Oregon balsam was lower at $1.10 to $1.15 per gallon. Canadian balsam held unchanged, but the undertone was reasonably easy. Demand was mainly for prompt requirements.

Peru.—Moderate demand contributed to the maintenance of generally steady prices. Actual requirements were covered in most instances, but there was also in some cases buying that protected the more distant needs of a few buyers.

Barks

Black Haw.—The market remained fully steady and demand of an improved sort tended to create somewhat firmer undertones on the spot. Stocks were believed to be sufficient for probable consuming needs this year.

Cinchona.—Broken quill was down slightly to 17c. to 18c. per pound. Prices on this article in its several other forms lacked change. Demand was strictly routine.

Fringetree.—The market was higher at 14c. to 15c. per pound and reserve stocks were considered to be not too ample in some quarters. Primary market cost justified the new price, it was said.

Wahoo.—Root bark was lowered to the basis of 40c. to 41c. per pound, which was the lowest price to be quoted thus far this collection season. Tree bark lacked change. Both were in moderate request.

White Pine.—A fair sized reserve in the primary market was reported in hand last week and the general market position of the item was one of substantial stability.

Beans

Calabar.—Small orders alone prevailed and they were few in number. Prices were fully steady since there was no element of competition sufficient to bring a shading of quoted values.

Vanilla.—Prices in foreign markets held very firm and shifts in French exchange were usually and quickly offset by a change in the price for Bourbon beans quoted in francs. Local sellers reported that a fair business was being done at very firm prices and present stocks must care for requirements for some time to come.

Berries

Juniper.—Prices were steady to firm and two lots of substantial size moved to consumers last week. Replacement costs were firmer and unsettled conditions in Europe were being watched closely for their possible effect on the replacement cost of this item.

Sloe.—The market was 10c. to 11c. per pound and based on the high duty assessed recently, once present stocks are reduced sufficiently to compel general replacement abroad, a considerably higher spot market was expected to develop.

Flowers

Chamomile.—Both varieties were firm on spot and the position of Roman flowers was such as to make for a probably strong market throughout the coming season. The crop was poor.

Clover Tops.—Quotations were shaded slightly to 12c. to 13c. per pound, the result of new crop being available at prices permitting a shading of former quotations on the spot. Demand was narrow.

Elder.—Bright flowers were very steady in price and the sustained position was backed by a very fair consuming demand last week. Quality of merchandise was said to be excellent and reserves were reasonable in size.

Poppy.—Red flowers were down to 55c. to 70c. per pound, a price said to line up with what has been paid for new crop goods. Business was moderate but still steady from a jobbing point of view.

Saffron.—Spanish material remained very firm even though demand was not very active. The market was sensitive because of uncertainties surrounding the replacement position of the article. Mexican flowers were moderately easy in undertone, but not changed in price.

Gums

Arabic.—The market seemed to be some firmer. One prominent supplier made 14c. the lowest quotation on powder. The undertone on shorts had been strengthening for some time past. Prices on sorts held at 9¼c. per pound in quantity, while the minimum quotation on powder was 12½c. per pound. Shipments from the Sudan during June, 1938, totalled 1,925 tons, against 1,744 tons in June, 1937. Shipments for January-June, 1938, totaled 14,987 tons, compared with 13,974 tons in the corresponding period of 1937. The chief destinations were as follows:—

	Tons—1937—June.	1937—Total.	1938—June.	1938—Total.
Great Britain	830	4,317	546	3,913
United States	396	2,673	313	2,188
France	20	1,317	195	2,078
Germany	133	1,618	175	1,449
Italy	199	476	99	505
Belgium	32	553	174	1,360
Japan	..	860	5	264
Holland	91	475	40	484
Sweden	7	291	59	535
Australia	39	299	91	649
China	5	146	14	95
Canada	20	145	47	134
British India	..	71	5	123
Denmark	7	115	14	179
Finland	10	120	16	128
Poland	25	67	8	86
Greece	..	55	10	63
Egypt	..	36	15	121
Argentina	..	15	..	143
Brazil	9	55	26	114

The export figures are made up of the following qualities:—

	Tons—Hashab.	Bleached.	Talha.	Total.
June, 1937	1,529	26	189	1,744
June, 1938	1,741	16	168	1,925
Jan.-June, 1937	12,238	74	1,662	13,974
Jan.-June, 1938	13,868	78	1,041	14,987

Euphorbium.—The spot market was 22c. to 23c. per pound with the distribution of stocks being poor, and the volume of demand being moderate at the very best.

Guaiac.—Business was quiet but about steady for quantities that covered prompt requirements of manufacturing consumers. Prices were steady also, there being no unsettling competition in local circles last week.

Myrrh.—Improved inquiry was noted at times last week and sales in slightly larger quantities were reported on occasions. Pricewise, the market remained fully steady at all times.

Sandarac.—Business was slow. Orders were usually small and reached the spot infrequently last week. However, prices were about steady and little or no competition prevailed.

Herbs and Leaves

Broomtops.—Spots were offered lower at 10c. to 11c. per pound but there were few takers in the market last week. Basically, the article should be firmer because of an export duty now being collected in the primary market.

Ephedra.—Ample quantities of this article have been reaching the country and botanical dealers have replenished stocks at prices permitting a lowering of spot quotations to the basis of 22c. to 23c. per pound.

—*Continued on page 50*

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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Adhesives

Ingredient (U.S. 1336055 and 1299663) of—
Sizing compositions

Analysis

Oxidizing agent in—
Analytical processes involving control and research in science and industry

Automotive

Coloring agent in making—
Enamels for coach work (U.S. 1221561 and 1221562)

Building Construction

Ingredient of—
Cements (U.S. 1269116)
Coating for insulation paper (U.S. 1374885)
Reinforced cement (U.S. 1230475)
Shingle-coating compositions (U.S. 1373217)
Pigment in—
Cement Concrete
Waterproofing agent (U.S. 1519286) for—
Cement Concrete

Ceramic

Ingredient of—
Black enamels
Brown glazes
Dark-violet enamels
Metallic-like enamels
Intensifying agent for—
Cobalt colors (used to lower costs)

Chemical

Accelerator in making—
Oxygen from perchlorate
Catalyst (U.S. 1379221) in decomposing—
Hydrogen peroxide
Catalyst in making—
Anthraquinone (U.S. 1466683)
Calcium chloride (U.S. 1153502)
Chlorine (U.S. 1255020 and 1166524)
Deodorizing agent (U.S. 1491916) for—
Isopropyl alcohol
Hydrolyzing agent (U.S. 1890590) in making—
Glutamic acid and derivatives, such as sodium glutamate, potassium glutamate (used in conjunction with hydrochloric acid)
Ingredient of—
Catalytic mixtures
Gas absorbent (U.S. 1422211)
Oxidizing agent in various chemical processes
Oxidizing agent in making—
Inorganic chemicals
Synthetic organic chemicals

(To be continued)

Methyloleylaminosuccinic Acid

Chemical

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsions and dispersions of various chemicals
Emulsions of hydrocarbons of various groups of the aliphatic and aromatic series
Dispersing agent (cont.):—
Terpene emulsions
Wetting compositions in emulsified form
Starting point in making various derivatives

Cosmetic

Dispersing agent (Brit. 446813 and 446737) in making—
Creams in emulsified form
Emulsified shampoos
Lotions
Latherless shaving creams
Various emulsified perfumes and cosmetics

Disinfectant

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsified germicides and deodorizing preparations

Dye

Dispersing agent (Brit. 446813 and 446737) in making—
Color lakes in emulsified form
Dye preparations in emulsified form

Fats, Oils, and Waxes

Dispersing agent (Brit. 446813 and 446737) in making—
Boring oils
Drilling oils
Emulsions of animal and vegetable fats and oils
Emulsions of natural or synthetic waxes
Greasing compositions in emulsified form
Lubricating compositions containing vegetable or animal fats and oils
Solvents for fats in emulsified form
Wetting compositions containing oils in emulsified form
Wire-drawing oils in emulsified form

Ink

Dispersing agent (Brit. 446813 and 446737) in making—
Printing inks
Writing inks

Insecticide

Dispersing agent (Brit. 446813 and 446737) in making—
Insecticidal preparations in emulsified form
Vermin exterminators in emulsified form

Leather.

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsified dressing compositions containing shellac, gums, resins, fats and oils, and other components
Emulsified fat-liquoring baths
Emulsified finishing compositions
Emulsified soaking compositions containing neatsfoot oil or other oils
Emulsified waterproofing compositions

Miscellaneous

Dispersing agent (Brit. 446813 and 446737) in making—
Automobile polishes
Cleansing compositions containing soaps
Compositions for cleansing painted and metal surfaces
Degreasing and greasing compositions in emulsified form
Detersive and scouring compositions
Furniture polishes in emulsified form
Metal polishes in emulsified form
Scouring compositions for woodwork, linoleum, rugs, and the like
Shoe creams and polishes in emulsified form
Waterproofing compositions in emulsified form for treating miscellaneous fibrous and other compositions of matter

Oilcloth and Linoleum

Dispersing agent (Brit. 446813 and 446737) in making—
Asphaltic paints and varnishes
Emulsified paint and varnishes
Pigment emulsions
Shellac emulsions
Waterproofing compositions in emulsified form

Paper

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsified preparations used for the treatment of paper and pulp products
Sizing compositions in emulsified form, containing rosin, casein, starches, and the like
Waterproofing compositions in emulsified form
Waxing compositions in emulsified form

Petroleum

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsions containing crude petroleum or heavy petroleum distillates
Emulsified cutting oils for lathe and screwpress work
Kerosene emulsions
Naphtha emulsions
Soluble greases in emulsified form
Soluble oils in emulsified form for lubricating textile machinery
Various emulsified textile oils

Resins

Dispersing agent (Brit. 446813 and 446737) in making—
Emulsions of natural or synthetic resins

Rubber

Dispersing agent (Brit. 446813 and 446737) in making—
Rubber compositions in emulsified form
Special emulsified preparations used for coating, protecting, decorating, and other surface-treating of rubber articles

Soap

Dispersing agent (Brit. 446813 and 446737) in making—
Hand-cleansing compositions in emulsified form
Various emulsified cleansing compositions
Various emulsified scouring compositions

Stone

Dispersing agent (Brit. 446813 and 446737) in making—
Compositions for treating natural and artificial stone

Textile

Dyeing

Ingredient (Brit. 446813 and 446737) of—
Dye baths in emulsified form (used as an assistant in dyeing various yarns and fabrics)

Finishing

Dispersing agent (Brit. 446813 and 446737) in—
Dressing compositions in emulsified form
Emulsified coating compositions
Emulsified finishing compositions
Emulsified impregnating compositions
Emulsified sizing compositions
Washing compositions in emulsified form

Manufacturing

Dispersing agent (Brit. 446813 and 446737) in—
Dispersions used for carbonizing of wool
Dispersions used in fulling operations
Dispersions used for degreasing raw wool
Dispersions used for washing wool
Emulsified preparations for degumming silk
Emulsified mercerizing baths
Emulsified milling compositions
Emulsions used for kier-boiling cotton
Emulsions used for soaking silk
Oiling emulsions for treating fabrics
Special lubricating compositions used in weaving, knitting, warping, and winding

Printing

Ingredient (Brit. 446813 and 446737) of—
Printing pastes in emulsified form

Phenol

(Continued from September 12 issue)

Pharmaceutical

In compounding and dispensing practice
Precipitant for—
Albumens
Preservative (U.S. 1476233) for—
Antitoxins
Bacterial extracts
Vaccines
Process material in making—
Colloidal blood (U.S. 1395729)
Blood antitoxins (U.S. 1270270)
Reagent in making—
Hog-cholera antitoxins
Standard for comparison of disinfectant power
Starting point in making—
Chemical drugs, such as phenacetin, phenobarbiturates, phenolphthalein, salol
Suggested for use as—
Local anesthetic in burns and other painful ulcerations

Photographic

Starting point in making—
Developing agents

Plastics

Solvent for—
Casein
Starting point in making—
Plastics of various compositions including casein

Resins

Process material in making—
Acetaldehyde condensates
Phenol-formaldehyde resins
Phenol-furfural resins
Urea-formaldehyde resins

Rubber

Ingredient (U.S. 2004156) of—
Preservative for rubber latex, containing also soap, ammonia, and alkali hydroxide
Starting point in making—
Butadiene
Rubber latex preservatives (by alkalization) (U.S. 1447930)

Sanitation

Bactericide
Disinfectant
Germicide
Ingredient of—
Disinfectant and germicidal preparations
Process material (U.S. 1491277) in—
Aeration of sewage

Soap

Germicide in—
Disinfectant soaps
Starting point (Brit. 427147) in making—
Disinfectants for soaps and shaving creams with the aid of the acid chlorides of capric, lauric, myristic, and palmitic acids

Textile

Developing agent in—
Dyeing yellow colors on fabrics and yarns
Process material in—
Degumming silk (U.S. 1421613)
Dyeing processes
Mercerizing processes (U.S. 1343139)
Printing processes
Waterproofing silk (U.S. 1377110)
Process material (U.S. 1389274) for—
Treating wool
Starting point (Brit. 447417) in making—
Dispersing agents with formaldehyde, urea compounds, alkylene oxides, alkylene halohydrins, and sulphonating agents

Wine

Cleanser and disinfectant for—
Equipment Plant generally

Essential Oils, Aromatic Chemicals

German-Czechoslovakia Crisis Gives Rise to Misgivings Among Dealers—No Effect on Immediate Prices—Demand Still Conservative but Sellers Develop Some Reserve

Business in the market for essential oils and aromatic chemicals developed little change last week. Pricewise, conditions seemed to be generally firmer; at least, there was practically no tendency to shade prices in view of the European situation. Sellers showed some reserve, especially when it came to selling goods that had to be covered abroad.

Foreign exchanges were weak during the week. Following the crisis that arose in Czechoslovakia and German political relations, much market discussion relative to the probability of war and the effect on essential oils and aromatic chemicals should it come.

So far as aromatics were concerned, to reduce European shipments of such merchandise to this country would be a gain for the domestic industry which in recent years has had to meet increasing competition from foreign sources. So far as oils were concerned, in the long run it was declared that war would have an inflationary effect on prices. It was for this reason that reserve developed among dealers, though the current state of demand did not make it necessary for them to consider immediate measures calculated to conserve their stocks. Inventories were none too large in the main.

Quotations in general were firmer. Prices were well maintained in steady position and they were free from increased pressure on the part of manufacturing consumers seeking supplies. Buyers kept purchases down to actual needs and rarely if ever considered buying based on the possibilities of the foreign situation.

The trucking strike, recently reported as threatening this city, began on September 15, and reports stated that it would be quickly extended to adjacent cities in New Jersey. It was not called by the union officials, however, being in fact an unauthorized and "outlaw" walkout at a time when negotiations between employers and union officials were still going forward.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
69.2	69.2	69.8	81.9

Market news that may have developed since this report was sent to press will be found on page 4.

Essential Oils

Anise.—Conditions were quiet on the whole and the market appeared to have a very steady undertone throughout the period. Prices were well held and seemed to be free from further unsettlement which competition had caused recently.

Apricot.—Demand was routine. Most buyers bought little more than fairly nearby requirements and hence the total of transactions showed little if any improvement. Pricewise the market was found to be steady.

Bergamot.—The market was generally firmer in potentials at least. The European situation was such as to create uncertainty as to the future cost of merchandise. Such items and freights and war risk insurance were indeterminate factors. Spot stocks were not unduly large.

Birch Tar.—Ordinary demand was current. Most of the orders were not large nor were they numerous. Undertones were steady because of the fact that a tendency toward firmer position prevailed on replacement costs.

Camphor.—Firmness governed the market in all its aspects. No tendency toward shading of prices was noted. Replacement costs held up well and offerings did not exceed moderate proportions. Prices were steady here.

Caraway.—The European situation naturally tended to stiffen the position of this article abroad since a general war would interfere badly with prompt shipments to this country. Local quotations were steadier but lacking in change.

Cassia.—No further easing of spot prices was noted and there was possibly less competition in the local market. The replacement market fitted well with this position of the article. Demand was fair and, in some directions, said to be slightly improved.

Citronella.—The market in Ceylon eased slightly but was considered too high by buyers on this market who found the Java article available at prices very close to Ceylon parity. Demand was moderate on spot but it was thought that substantial requirements were being held in abeyance pending developments in the price situation.

Clove.—While jobbing demand was reported to be steadier, development of a broader and larger request from manufacturing and other consumers was still to be realized. Prices were on the low side and were kept there by substantial competition between sellers.

Coriander. — The position of this article was potentially firmer since all, or practically all, is obtained from Europe and the distraught political situation there made the future of shipments even more uncertain than they had been.

Dill.—Demand has shown improvement. Seasonal activity by the leading consumers was at hand and shipments were said to be gaining in volume, though conservatively. Quotations were steady.

Erigeron.—Little has been said about production in the Middlewest. The carryover is small but since consumption had decreased until it reached a not very large volume, the future of the article was hard to determine. Prices were firm.

Eucalyptus.—More signs of renewing inquiry were noted. With the more active season of the year drawing closer, sellers expected that sales volume would show considerable improvement during the next several weeks. Prices were low but steady.

Geranium.—Turkish oil was easier because of new crop influences on replacement quotations. Bourbon and Algerian oils were steadier on the whole, though there was little improvement in the consuming demand last week. The replacement position was being watched closely.

Lavandin. — The foreign market tended to be firmer because of the political situation affecting the peace of Europe. Prices were influenced at times by declining exchange but the tendency abroad was to advance prices quoted in foreign currency to offset exchange decline.

Lavander. — The situation in this article was like that in lavandin. Stocks on oil on this market were fairly substantial and hence prices lacked development but should shipments from France be hampered, as they would be by war, a sharp and prompt change in the general situation might be expected. Demand was maintained at recent volume.

Lemon.—Troubled Europe was studied last week as to the effect that war might have on prices for this article. Curtailment of shipments were expected and higher transportation and other costs were discussed. Against this was the fact that the domestic producers hold ample quantities of oil at prices which at present are far below those on Italian oil. Possibilities of a general advance in prices were admitted to exist.

Mustard.—This was an article which would be quickly affected by war involving central Europe. During the world war, production in this country began but eventually foreign competition ended the venture. Hence, the general situation was substantially firmer.

Orange.—While war in Europe would undoubtedly produce repercussions on the market for this oil, the fact that domestic production provides large quantities of oil at very low prices was counted as an offset to the foreign possibilities. Of course, higher prices might develop but that was something truly needed by the home industry.

Palmarosa.—New crop prices were more favorable and the market in some measure was easier in undertone on the spot without there having been any actual change in prices. Demand was routine.

Peppermint. — The local market seemed to be well stabilized. Also, country holders of new crop goods maintained their price ideas and there seemed to be no oppression of values likely to develop in the nearby future. Demand on the spot was moderate most of the time.

Pine Needle.—Some seasonal demands

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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WE SPECIALIZE IN REDISTILLING in our factory. Try our

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Every trace of impurity removed. Flavor the finest it is possible to obtain.

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Buyers Prefer "O-P-D" Market Information because it is Definite and Accurate

Exchange

OIL of ORANGE

SWEET CALIFORNIA COLD PRESSED

Only once before in the history of the great California Fruit Growers' cooperative has the price of EXCHANGE BRAND Cold Pressed OIL of ORANGE, U. S. P. been as low as now. This means that users can reserve their season's requirements at bargain prices . . . the same fine quality, the same purity, and the same *dependable uniformity* GUARANTEED ! Let us quote you immediately.

FRITZSCHE BROTHERS, Inc.

PORT AUTHORITY COMMERCE BLDG., 76 NINTH AVENUE, NEW YORK, N. Y.

BRANCH STOCKS

BOSTON CHICAGO LOS ANGELES ST. LOUIS TORONTO, CANADA MEXICO, D. F.

FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

reached the spot in very fair volume, giving a firmer undertone to the general market for this article and confining competition within narrow limits.

Rose.—While prices were unchanged, the situation in central Europe was such that if anything a firmer undertone was developing. War in Czechoslovakia would certainly affect Bulgaria and hence the future of shipments from that country was uncertain at the best. Sellers here were disposed to show some reserve.

Aromatic Chemicals

Anethol.—Trade was fair but not expanding. Prices were steady without signs of an advance. Stocks seemed ample for more than current takings by buyers.

Benzyl Compounds.—General interest was fair and the market so far as prices were concerned was generally steady. However, competition between producers was fairly keen most of the time.

Coumarin. — The market was unsettled by some competition, usually between resellers of the article. So far as the producers were concerned, there was a tendency to solidify prices at current levels. Demand was little changed in any respect.

Diphenyl Oxide.—The market was steady. Producers maintained prices steadily and indicated that the undertone was firm. Consumers bought goods about as needed, but they traded freely and with confidence.

Eucalyptol.—Movement into consuming channels was steady, though the quantities taken showed that manufacturing consumers were disposed to keep inventories down as much as possible. Prices seemed to be steady.

Musk.—Conditions in Europe were being watched closely by the domestic industry since there was a chance that war would affect foreign shipments of this synthetic and, hence, result in relieving the home producers of the competitive pressure that has kept their prices unsatisfactorily low.

New China Pharmaceutical Company, capitalized at 10,000,000 yen (half paid up), is shortly to be established in Peiping under joint control of the Oki Gomei Kaisha and Tamakawa Pharmaceutical Company. The company will import and deal in prepared medicinals and medical apparatus, according to the office of the American commercial attache in Tokyo.

PLASTOCREME

••

A chemical which gives better absorption and homogenity to cold creams. It is non-toxic and will not discolor.

As it has a melting point of about 37° C., it may be melted with the other materials in the cream.

We recommend the use of from 3 to 5%.

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GENERAL DRUG COMPANY
170 Varick Street, New York City
1220 W. Madison Street, Chicago
907 Elliott Street, Windsor, Ont.
Transportation Building, Los Angeles, Cal.

Botanical Drugs

Herbs and Leaves

—Continued from page 47

Horehound.—No Spanish material has been forthcoming from Spain. Some excellent material has arrived here from France and the article was offered on spot last week at 9c. to 10c. per pound.

Deer Tongue.—Prices were higher at 10c. to 11c. per pound and the unsold reserves were conservative in size. Country prices were on the steady side.

Digitalis. — Released material was quoted at 40c. to 42c. per pound, this being a lower level for values on the item. The undertone has been easier of late in keeping with some improvement in stocks.

Jaborandi.—Competition was noted and values became slightly unsettled during the past week. Quotations were shaded to 9c. to 10c. per pound.

Laurel.—Prices were easier and a small fraction lower at 4⅛c. to 4½c. per pound. Sellers were inclined to expect a firmer undertone to develop once Fall demands shall have developed.

Matico.—A slight revision was made in spot quotations in order to bring them into line with competition views as well as replacement cost. The new market was 23c. to 24c. per pound.

Peppermint.—Domestic leaves were down to 23c. to 24c. per pound. Foreign was shaded to 40c. to 41c. Both were under new crop influences that have been toward the easier side of the market of late.

Miscellaneous

Cantharides.—Russian powdered flies were lowered at $1.10 to $1.15 per pound. Whole were about steady at the recent decline. Reserves were said to cover all of the early requirements of Fall buyers.

Ergot.—The market continued to hand around $1.50 to $1.55 per pound. It was sensitive to conditions in Spain, Portugal, and Poland where the future of the article was clouded by the political uncertainties in Europe at this time. Even the best informed of spot importers are unable to form a considered opinion as to the price trend of the market in the future.

Guarana.—Slightly more powdered material was sold last week and the market was a trifle firmer on the whole without values having been actually changed.

Lycopodium.—Although no surplus of supplies existed on this market, there still seemed to be sufficient reserves to meet the moderate consuming demand current in the market at this time. No weakness in foreign markets was reported.

Tamarind.—West India material in barrels was shaded from 5c. to 5½c. per pound last week. The keg price remained unchanged and firm at $5 to $5.25 per keg.

Roots

Belladonna. — One-quarter revised prices to the basis of 11c. to 12c. per pound, although declaring that the position of the article abroad was no less steady to firm than it had been. It was purely a situation caused by local competition.

Berberis.—Offerings were made at 14c. to 15c. per pound, which was a price down slightly from the open quotations made in the recent past. Not much selling was done at the lower level of value.

Beth. — Replacements have been bought to some advantage by some dealers, while others considered themselves long on the item. Quotations were lower at 18c. to 19c. per pound.

Blood.—A readjustment of spot prices to meet local conditions resulted in open quotations reaching the market at 13c. to 14c. per pound last week.

Colombo.—On inquiries received last week, 9c. to 10c. per pound was quoted and business was done at that slightly lower level that seemed to indicate the presence of more competition.

Culvers.—Having replaced to some advantage in price, some local suppliers named 16c. to 17c. per pound on spot deliveries last week, and were able to report only a moderate trade consummated.

Gentian. — The market continued weak and declining, but there was reason to expect that resistance to further reductions was likely to develop promptly. Whole was down to 7c. to 7½c. per pound; ground, 9½c. to 10c.; powder, 10½c. to 11c.

Spikenard.—The market was slightly lower at 12c. to 13c. per pound, a seasonal readjustment of prices which was not expected to be greatly extended because of the absence of pronounced weakness in replacement costs.

Seeds

Anise.—The market price on Spanish material remained firm at the late advance. Star seed was steady. Neither was in more than moderate demand last week.

Celery.—The market was exceptionally dull and conditions favored buyers with firm orders to place. Weak exchange made replacement cost more favorable at times during the week reviewed.

Millet.—The market was up slightly to 3¼c. to 3½c. per pound for yellow, and to 2¼c. to 2⅝c. for the item described as early fortune.

Mustard. — An excellent crop of brown California seed was available at favorable prices. Also, the crop in Montana was said to be sizeable and available at attractive prices. These two domestic products tended to restrict the interest of consumers in European seeds of all kinds.

Poppy.—While potentially subject to unsettled conditions in Europe, Dutch and Polish shippers continued to offer at firm prices on this market. Locally, all of the recent dullness and slackness in demand was retained, but prices held unchanged.

Spices

Cassia.—Batavia spice was shaded to 16c. to 16¼c. per pound on No. 1, and to 9¾c. to 10c. on No. 3. Other kinds of cassia lacked change in price. Demand was thoroughly routine.

Mace.—Banda was lower at 51c. to 52c. per pound, and Batavia was also lower at 39c. to 40c. Siauw lacked change. Competition was more active throughout a very slow week of demand.

Paprika. — Hungarian pepper was shaded to 25½c. to 26½c. per pound for the extra fancy, and to 24½c. to 25c. for the medium grade. Spanish extra fancy was down to 29c. to 30c. per pound and medium was noted lower at 24c. to 25c. Offerings of fair and fancy grades were not reported.

Pepper.—The sole change in the pepper group came in black Lampong, which was raised to 4¾c. to 4⅞c. per pound. White and red peppers remained unchanged. Demand was light to irregular. Total warehouse stocks of black pepper in New York as of August 31, 1938, were 440,026 bags, equivalent to approximately 25,931 tons, as reported to the New York Produce Exchange. This compares with 427,102 bags, or approximately 25,168 tons, as of July 31, 1938. Exports of Lampong black pepper from Telok Betong, Netherlands India, for the month of August, 1938, compared with August, 1937:

	Long tons— August, 1938.	August, 1937.
United States	2,775	280
Europe	445	480
Other countries	75	15
Totals	3,295	775

Total shipments since January 1 amount to 14,160 tons, compared with 8,733 tons for this period last year.

Trading in black pepper futures on the New York Produce Exchange from September 10 to September 16, inclusive, comprised 270 contracts, a total of 9,072,000 pounds. Following is a price record for the week:—

	Cents per pound— High.	Low.	Close.
January	4.97	4.60	4.79@4.84
February	4.95	4.95	4.84 Nom
March	4.92	4.65	4.89@4.93
May	5.17	4.79	4.99@5.03
July	5.24	4.90	5.09@5.14
September	4.65	4.40	4.60@4.67
October	4.70	4.70	4.65 Nom
December	4.74	4.58	4.74@4.80

Pimento.—Price trend reversed itself, the decline having run too far, according to some. The values prevailing late last week were fractionally higher at 14c. to 15c. per pound, which fitted in well with replacement quotations from the source.

Medicinal and toiletry manufacturers in the Netherland Indies have been listed by the Bureau of Foreign and Domestic Commerce, Washington, D. C. The list is available to accredited American firms at 10 cents per copy.

Your products positively retain their attractive sales-making quality when made with the

new penn-drake white oils

Super-pure through our new Karnsite Process

Scientific development has removed another of your worries—made with the new penn-drake white oils, your products are safe from unpleasant odor, taste, color that cost you sales and customers.

For the remarkable new Karnsite Process takes out *all* impurities that cause these troubles. The severest Acid and Freeze Tests prove it. This new process gives you rich heavy medicinal and lighter cosmetic oils of a new purity that carries your products safely through long shelf-life to satisfied repeating users.

For a real sales advantage in these competitive days, investigate these new penn-drake white oils. Write today for your copy of our new booklet,

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Special folder on Insecto-sol odorless base—write for it.

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Petroleum Solvents, Lubricants, Fuels

Solvents and Industrial Oils in Fair Demand—Gasoline Lower and Still Weak at Midcontinent Refineries—Crude Oil Production Reduced Sharply

Solvents and other petroleum products used as raw materials for industry have been favored with a progressive improvement in demand since the beginning of this month, but motor fuels and the heavy consumption products did not occupy a very favorable market position. Gasoline consumption has dropped off sharply and the seasonal improvement in heating oils has not shown much progress yet.

The recent crude price cut in East Texas and the application of the five-day producing week during September has not rid the crude price structure in the Southwest of the shakiness that has been evident for some weeks. Smackover crude prices have been lowered 15c. per barrel by a leading purchaser.

Gasoline prices were reduced at the Midcontinent refineries last week and the week's Tulsa report indicates that the market was still weak even at the lower level.

Daily average production of crude oil in United States for the week ended September 10 was 3,206,900 barrels, a reduction of 142,200 barrels from the preceding week's average, according to the estimates of the American Petroleum Institute. The average for four weeks ended September 10 was 3,334,300 barrels and the average at this time a year ago was 3,642,400 barrels. Crude runs to stills were reported to the A.P.I. by companies controlling 85.5 percent of the nation's refinery capacity as having averaged 2,909,000 barrels for 81.3 percent of refinery operation. An additional 326,000 barrels were estimated to have been sent to stills unreported for a total daily average of 3,235,000 barrels against 3,195,000 barrels in the preceding week. The Bureau of Mines average for September 1937 was 3,450,000 barrels. Crude oil stocks September 3 were 284,919,000 barrels against 285,029,000 barrels August 27 and 285,137,000 barrels August 20 ,according to the Bureau of Mines.

Solvents and Diluents

Petroleum solvents and naphtha cuts were ordered out of refinery points in fairly good fashion last week. There has been a steady improvement in trade since the beginning of the month albeit the market still has a long way to go to reach a point of briskness. Price unsettlement in the gasoline market has not been reflected in this group of materials.

Cleaners' Naphthas.—Buyers of these light naphthas have been taking in larger quantities since the beginning of the month. Tankcar and tankwagon markets have shared in the improvement. Pricewise, there has been no change in the market.

Lacquer Diluents.—There is still a certain amount of spottiness in the market but aggregate purchases so far this month were understood to have been better than for some months back. The tankcar price basis at the Midcontinent continued at 7⅜c. per gallon, f.o.b. Group 3.

Petroleum Thinners.—The market at refinery points has been without change since the recent revision of prices at some of the West Coast refineries. The Midcontinent tankcar market held steady at the long standing basis of 5⅜c. per gallon, basis Group 3. Eastern sellers reported a progressively increasing interest on the part of buyers.

Rubber Solvents.—Ordering by tire makers has improved and further expansion in buying operations is expected over the balance of this month as the tire industry prepares for a step-up in its producing and operating schedules for October. The price for light and heavy grades of solvent at the Group 3 refinery points remained at 6⅜c. per gallon for tankcar quantities.

Stoddard Solvent.—Last week's purchases had fairly good dimensions, but the sellers expected a seasonal drop in the volume needed for consumption. Pricewise, the market has been quite steady at all refinery points.

V. M. & P. Naphthas.—The market held to the price level that has been in force for some time back. The basic price at Group 3 refinery points was 6⅜c. per gallon for tankcars. The Eastern buyers were reported to have taken in larger quantities last week.

Markets at Other Centers

Chicago, Sept. 15.—Trade in petroleum solvents and diluents has turned rather dull, but there is routine business in the market to an extent sufficient to keep it going ahead on a fairly good equilibrium. The paint trade's activity is reported moderately good at this time. Ruling prices in tankcar lots except as noted are (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4¼c. to 4½c. per gallon; cleaners' naphtha, 6⅜c. to 6½c., tankcar; 17.8c., tankwagon; petroleum spirits, 5⅜c. to 5½c., tankcar, 16.5c., tankwagon; lacquer diluent, 7⅜c. to 7½c.; rubber solvent, 6⅜c. to 6½c.; Stoddard solvent, 5⅞c. to 6c., tankcar; 16.2c., tankwagon; V. M. & P. naphtha, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon.

Tulsa, Sept. 15.—All divisions of the solvents' market are quiet and interest was light. However, the tone of the market is fair in view of the softness of the gasoline market which thus far is not reflected in any of the naphthas. Quotations are unchanged in all grades including, Stoddard cleaners, rubber and V. M. & P.

Lighter Fractions

The producers of light hydrocarbon gases used as industrial solvents have not reported any change in the prices which have been in force for some time. The steadiness of prices is the chief characteristic of the market these days, as the movements of supplies into users' hands continued at a routine pace.

Butanes.—Conditions surrounding the market for this material have not shown any change for some time. According to the latest reports from the producers, prices for the 16-34 degree product continued at 3¾c. per gallon for tankcar quantities f.o.b. Group 3.

Octanes.—This mixture continued in the market groove it has occupied for some time back. Tankcars were quoted at 10½c. per fallon, f.o.b. Group 3.

Petrolatums and Waxes

White Mineral Oils.—Suppliers were able to report a continuing improvement in business. Seasonally broader withdrawals against contracts featured the market. Prices have firmed up and the weakness evident at times during the Summer months was not apparent last week.

Paraffin Waxes.—The scale wax market did not receive much attention from domestic or foreign buyers. The 122-124 grade continued at 2.40c. per pound, and was higher than the 124-126 American melting point, which was varyingly named at 2.35c. to 2.45c. per pound. Fully refined waxes continued at the low point established last July. Fully refined waxes were also bought in very light fashion.

CHICAGO, Sept. 15.—The refined wax market was holding reasonably steady, with business at a moderately good rate. Buying shows little change in nature, with orders specifying fairly good amounts of materials. Ruling prices are:—122-124, 4.25c. to 4.3c. per pound; 125-127, 4.35c. to 4.4c.; 127-129, 4.45c. to 4.5c.; 130-132, bulk or bag, 4.75c. to 4.8c.; 132-134, bulk or bag, 5c. to 5.05c

TULSA, Sept. 15.—The market was strong and very active. The 124-26 American crude wax was 2¼c. to 2⅜c. per pound. Export inquiries are numerous throughout the field.

Petrolatum.—Some of the larger buyers have come into the market again. Car-lot interest was better than it had been for some time. The smaller buyers were not taking more than moderate amounts. Prices for white and amber grades continued in an unchanged position.

Fuels and Lubricants

There was not much strength in the refined oil market in the East. Fuel oils showed more promise than other refinery products but season interest in domestic heating oils has not show more than mild gain. The gasoline market here was very soft. Kerosene was also weak. Crude oil runs to stills in July totaled 99,856,000 barrels for a daily average of 3,221,000 barrels against the June total of 93,880,000 barrels for a daily average of 3,129,000 barrels, according to the Bureau of Mines.

Tankwagon Price Changes

ERIE, Pa.—Retail marketers of gasoline reduced service station prices of gasoline 3c. per gallon, September 10, offering first-grade gasoline at 16c. per gallon.

Market Conditions

Gasoline.—The bulk market continued in a weak position. Tankcar prices for 65 octane material were quoted at 6¼c. per gallon at local refinery points. The posted levels were more or less meaningless at this time. Buyers were not interested beyond immediate requirements and purchasing was conducted along hand-to-mouth lines. The Midcontinent market was soft. July production of motor fuel was 48,913,000 barrels against 45,718,000 barrels in June and the January-July production this year was 323,610,000 barrels against 324,201,000 barrels in the same period last year. Domestic demand in July was 47,474,000 barrels against 48,293,000 barrels in June, while exports totaled 4,277,000 barrels against 4,284,000 barrels in June. According to the Bureau of Mines, the stocks on hand at the end of July were 70,224,000 barrels of finished and 7,614,000 barrels of natural gasoline against June figures of 73,725,000 barrels of finished and 6,951,000 barrels of natural.

Kerosene.—The posted tankcar prices ranged from 4¾c. to 5c. per gallon for 41-43 water white material at refinery. There was a good deal of weakness in the market, however, and it was reported that some material had been moving at 4⅝c. per gallon, also basis refinery. The Bureau of Mines statistics on kerosene for July showed production of 4,889,000 barrels against 5,235,000 barrels in June and domestic demand of 3,752,000 barrels against 3,257,000 barrels in June. The January-July production was 37,821,000 barrels against 36,795,000 barrels in the same months of 1937, while the demands for the first seven months of this year totaled 30,506,000 barrels against 29,777,000 barrels in the same months of 1937. Stocks on hand at the end of July were 10,112,000 barrels against 9,202,000 barrels at the end of June.

Fuels and Gas Oils.—The retail demands for domestic heating fuels have been improving slowly. The bulk market for No. 2 oil was very quiet and it was reported that barge lots were offering around 3⅞c. per gallon. The July output of residual fuel oils totaled 23,547,000 barrels against 22,761,000 barrels in June and domestic demands totaled 20,548,000 barrels against 22,278,000 barrels in June, according to the Bureau of Mines. Stocks on hand at the end of July totaled 99,363,000 barrels against 95,690,000 barrels at the end of June.

Lubricating Oils.—Pennsylvania oils were very quiet and unchanged in price. The recent reductions in the price of Pennsylvania grade crudes had been discounted in the lube market and prices were holding at unchanged levels. Bureau of Mines statistics for July showed production at 2,631,000 barrels against 2,378,000 barrels in June and the

Outputs and Quotas

A comparison of Bureau of Mines calculations for September productions, State allowable quotas where they exist and the American Petroleum Institute's estimate for crude production for the week ended September 10, follows:—

	*B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	528,300	428,000	447,500
Kansas	168,000	165,000	154,300
Texas	1,398,600	†1,169,493	1,210,650
Louisiana ..	255,300	260,260	271,100
Arkansas ...	53,700	.....	58,350
Eastern	149,300	.....	173,900
Michigan ...	57,000	.....	51,100
Woyming ...	65,600	.....	53,350
Montana ...	14,000	.....	12,600
Colorado	4,600	.....	3,500
New Mexico.	111,600	106,000	105,950
California ..	638,300	‡615,000	664,600
Totals	3,444,300	.....	3,206,900

* These are Bureau of Mines' calculations of the demand for domestic crude oil based upon certain premises outlined in its detailed forecast for the month of September. As demand may be supplied either from stocks or from new production, contemplated withdrawals from crude oil stocks must be deducted from the Bureau's estimate of demand to determine the amount of new crude oil to be produced.

† Base allowable effective September 1. Saturday and Sunday shut-downs effective throughout month. Calculated net 7-day allowable for week ended Saturday morning, September 10, approximately 1,233,248 barrels daily.

‡ Recommendation of Central Committee of California Oil Producers.

The State of the Petroleum Market

A buyer of Smackover, Arkansas, crude reduced posted prices 15c. per barrel. Gasoline was reduced at the Midcontinent refineries.

	Sept. 16	Sept. 9	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.228	$1.228	$1.399
Gasoline prices at refineries (at four refining centers) per gallon.....	.05	.050625	.056875

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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FACTORIES AT CLIFTON, N. J. AND SEILLANS (VAR) FRANCE

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1938	1937
	Jan. 1-Sept. 17	Jan. 1-Sept. 17
Commercial crude oil production	858,227,000	897,025,000
	Week ended Sept. 17, 1938	Week ended Sept. 18, 1937
Daily average production	3,195,900	3,617,000
	Week ended Sept. 10, 1938	Week ended Sept. 3, 1938
Estimated motor fuel stock total	70,860,000	70,514,000
Estimated finished motor fuel stock at refineries	38,822,000	38,723,000

January-July output was 18,084,000 barrels against 20,397,000 barrels in the same months of 1937. Domestic demand in July was 1,843,000 barrels (including 1,000 barrels imported in bond) against 1,606,000 barrels in June, and the January-June demand was 11,747,000 barrels against 13,984,000 barrels in the same period of 1937. Stocks on hand at the end of July were 8,194,000 barrels against 8,114,000 barrels at the end of June.

Crude Oil Price Changes

Arkansas

Standard Oil Company of Louisiana reduced posted prices for Smackover, Arkansas, crude 15c. per barrel, September 15. The new posting is 75c. per barrel.

Texas

Effective September 1 and until further notice Continental Oil Company limited its purchases and receipts of crude oil from the K. M. A. Pool in Wichita and Archer counties, Texas, and from Bryson Pool in Jack county, Texas, as follows:—The company's purchases and receipts from all wells(including its own) in the K. M. A. Pool will be limited to 80 percent of their respective allowables as fixed by the Railroad Commission of Texas. The company's purchases and receipts from all wells in the Bryson Pool will be limited to a maximum allowable of 18 barrels per day from each individual well.

Markets at Other Centers

Tulsa, Sept. 15.—Disappointment over the abrupt drop in gasoline consumption has somewhat unsettled the light oil division of the refined oil markets throughout the mid-continent. Although, a substantial decline in the volume is a yearly occurrence, this year the weakness developed early due to the heavy weight of stocks that are hanging over the market and also due to the fact that the volume dipped below the levels expected. Prices for all grades are off another ½c. per gallon in the motor fuel division. The U. S. Motor 400 e.p. is selling at 4⅛c. per gallon and considered weak at that price. The higher octanes are correspondingly lower. The weakness in these grades, however, has not affected the naturals which are stronger in tone than a week ago. There has been no advance in prices of the latter, but a substantial number of inquiries are in the market. The export demand has picked up and quite a volume of production is being absorbed in the basic 26-70 grade as well as the 18 and 22 pound grades.

In the distillate market difficulty in buying is increasing and buyers continue to bid without filling their requirements. There are virtually no No. 2 and No. 3 distillates available in any section of the Mid-continent. One marketer with a 10-car order was unable to obtain delivery toward the close of the week. The price has not responded consequently the market is nominal.

The kerosene market is quite mixed. The average grades are soft with movement slow, but in the higher gravities of 44 and 45 a substantial demand has developed. Buyers are using this grade for tractor fuel quite freely and are bidding up the market. However, with the weakness in the gasoline market the high gravity kerosene and the U. S. Motor grade of motor fuel are practically on a parity.

There is still some unsettlement in the crude oil market due partly to the heavy stocks of gasoline and the seasonal falling off in consumption. The softness in various areas continue although there has been no additional price cutting since the East Texas re-adjustment.

Following are the approximate quotations for refined products in the Mid-continent, based upon Group 3 prices:—

GASOLINE.—U. S. Motor 4⅛c. per gallon, off ⅛c. for the low octane while the 63-66 is 4¼c. to 4½c. per gallon. The 67-69 is 4½c. to 4¾c. per gallon while the 70-72 is 5c. to 5¼c. per gallon.

NATURAL GASOLINE.—The 26-70 is 3¼c. per gallon in Texas and Oklahoma with the 18 and 22 pound also unchanged.

DISTILLATES.—Only the No. 1 prime white is available at current quotations of 3⅝c. to 3¾c. per gallon. The No. 2 and No. 3 are nominally quoted 3⅝c. and 3½c. per gallon respectively with no trading due to scarcity of offerings. Gas oils are quoted 3¼c. to 3⅜c. per gallon with volume of trading light also due to scarcity of offerings.

FUEL OILS.—Weakness continues in the heavy grades. The gravities below 15 are still available at 37½c. per barrel in many of the areas with quotations running up to 62½c. at some plants. The higher gravities are quoted at 80c. to 85c. for the 24-28 degree high cold test and $1 for the low cold test.

LUBRICANTS.—The market is still unsettled although some slight improvement is noticeable in various grades. The tone however, is soft being dominated by the low Eastern prices. Quotations are unchanged this week.

Chicago, Sept. 15.—Further recession has taken place in the tankcar gasoline price, accompanying the slow progress of the season to a more reduced rate of consumption. The offerings of material are along rather substantial lines at present and with the ability of the market to absorb it being somewhat restricted, an easier tone is noted. Tone is somewhat irregular and tankwagon-service station price cuts are frequent. The kerosene trade is slow, but the market is fairly steady. Inquiry is better for heating oils with the approach of autumn. Heavy fuel oils are a little better than earlier, with heavy industries picking up activity. Lubricants are steadier in most cases.

GASOLINE.—Low octane motor, 4⅜c. to 4⅝c. per gallon; 63-66 octane motor, 4⅝c. to 4⅞c.; 67-69 octane motor, 4⅞c. to 5⅛c.; 70-72 octane motor, 5⅛c. to 5⅜c.; 60-62, 400 endpoint, 4⅜c. to 4⅝c.; 64-66, 375, 4⅝c. to 5c.; 68-70, 360, 5c. to 5¼c.

KEROSENE.—42-44, water white, 4¼c. to 4½c. per gallon; 41-43, water white, 4c. to 4¼c.

FURNACE OILS.—Range oil, 3⅞c. to 4⅛c. per gallon; No. 1, 3¾c. to 4c.; No. 1 straw, 3⅝c. to 3⅞c.; No. 2 straw, 3½c. to 3¾c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅞c. to 3c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 70c. to 80c.; No. 6, 60c. to 70c.

New Orleans, Sept. 15.—A slight decrease in price was noted on some grades of gasoline during the past week. Foreign inquiries and exports continued good. U. S. motor gasoline was quoted at 5½c.; U. S. motor below 62 octane at 6½c.; 63-67 octane at 6c., and 68-70 octane at 6½c.—the foregoing prices being based on a per gallon rate at refinery.

Kerosene remained steady at a quoted price of 7½c. per gallon at refinery.

Bunker C fuel oil was quoted at 75c. per barrel at terminal and 80c. per barrel delivered alongside, while industrial plants in this vicinity were quoted at $1.46 per barrel, delivered.

Oil Chemists to Meet In Chicago October 6

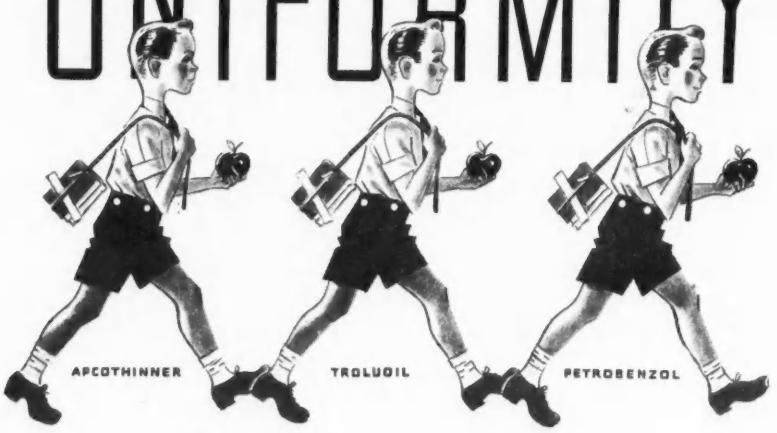
The American Oil Chemists' Society will hold its annual Fall meeting in the Sherman hotel, Chicago, October 6 and 7. The program includes a series of papers and discussions on the chemistry and technology of fats, oils, soaps and related products. A feature of the meeting will be a symposium on the hydrogenation of oils. Developments in industrial processing equipment and laboratory supplies will be exhibited.

Atlantic Refining Financing Plan Approved by Stockholders

Atlantic Refining Company stockholders have approved an increase in the authorized indebtedness by an amount not exceeding $50,000,000 and an increase in the authorized common stock to 5,000,000 from 4,000,000 shares. Authorization of the increase in indebtedness is in connection with the company's financing program, under which $25,000,000 debentures, maturing 1953, are to be issued. Funds will be used to repay $16,200,000 of bank loans for capital expenditures and to increase working capital.

J. J. Miskel has become affiliated with the National Oil Products Company, Harrison, N. J., in its market research division, of which L. D. Grupelli is head. Mr. Miskel was formerly associated with the Barrett Company, this city.

UNIFORMITY



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Fertilizer Materials

European War Crisis Holds Buyers Close to Market, but Actual Buying Is Light—Fertilizer Tag Sales in August Were Much Smaller Than August, 1937

While the purchasing agents of some of the larger fertilizer producing companies kept close to the market, the dullness of fertilizer materials trading was not disturbed by the tense European crisis. Under ordinary conditions a seasonal market dullness should ensue for weeks ahead but if war breaks out in central Europe a quick shift of conditions should be expected. Except for a lower import cost of precipitated dicalcium phosphate which resulted from lower currency exchange rates, prices for imported fertilizer materials did not respond to the jittery condition of other commodity markets.

Recently it was reported that production of urea-ammonia liquor was sold up. Now it is learned that the available supplies of bulk cal-nitre are nearly sold out and importers were accepting orders for additional quantities subject to the availability of the material.

The current 5 percent discount on potash salts expires at the end of this month but little business has been booked under this allowance and the sellers did not expect much business before October 1 when the list prices become effective.

August fertilizer tag sales in 17 states reporting in the N.F.A. compilation were 21 percent smaller than a year ago; aggregate sales in the South were 9 percent ahead of August last year but August is a relatively unimportant month from the standpoint of Southern sales. The sales for August, a comparison with August for the past two years and comparative date for the January-August period are contained in the accompanying table.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Fish scrap, menhaden, ungr., 5c. per unit-ton.

Reduced

Calcium phos., dibasic, precip., import., 3c. per unit.
Fish meal, sardine, Japanese, 50c. per ton.
Tankage, dom., N. Y., unground, 10c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.3	66.3	66.3	66.7

Market news that may have developed since this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The market did not show much life last week. Most of the contracts for the season's needs have been booked. Operators in this market were unmoved by the possibilities of a European war and there has been no added buying on that account. During the World War Chilean nitrate was one of the few commodities in fairly free supply and since then the synthesis of nitrogen by domestic interests in this country has been cultivated to a very formidable degree. Nitrate imports for the January-July period totaled 461,668 long tons against 541,251 long tons in the same months of 1937, according to the Department of Commerce figures; July imports were 8,969 long tons against 2,766 tons in July last year.

Sulphate of Ammonia.—The market's position has not changed much during the past two weeks. Supplies at mill points were still tight for prompt and nearby delivery but most of the larger buyers had ordered in substantial tonnage at the July and August prices and the demands during September have not been so large. The September price is $27 per ton in bulk f.o.b. cars nearest Atlantic or Gulf port and/or $1 per ton less f.o.b. cars at nearest inland producing oven, whichever is cheaper to destination. The October prices are 25c. per ton higher than the September figure.

Calcium Nitrate.—As reported previously, sellers offered bagged material at essentially the same basis as last season with $28 per ton named to fertilizer manufacturers ex vessel. North Atlantic ports or f.o.b. cars at South Atlantic ports.

Castor Pomace.—Some imported material was reported offered at $20.50 per ton, c.i.f. ports, which was 50c. per ton lower than earlier prices.

Dried Blood.—The domestic markets were quiet and unchanged in price. Holders in New York and Chicago both quoted $2.75 per unit to a very disinterested market. Imported material was more or less nominal in price.

Fish Scrap.—There was a report in the market that unground menhaden sold basis when-and-if-made at $3.30 and 10c. per unit-ton, f.o.b. factory. This was 5c. higher than the nominal price that has been mentioned for weeks back, but the trade did not attach much importance to the reported deal because the fishermen in the Chesapeake area are far behind on deliveries of orders taken earlier in the season. Japanese shippers of sardine meal were not getting much business from buyers here and offerings were made by importers at $43.50 per ton, c.i.f., reduction of 50c. per ton.

Tankage.—Unground material in New York was offered at $2.60 and 10c. per unit-ton, a reduction of 10c. from the preceding week. Ground remained at $2.70 and 10c. per unit-ton. Chicago prices were unchanged from a week ago and the position of the imported product was nominal.

Potashes

Two business weeks remain before the expiration of the present 5 percent discount. Sellers indicated that there has been very little business booked under the current discount arrangement and little is expected over the remainder of the discount offering period. The discount is allowed on orders placed prior to October 1 for spot delivery or for delivery in equal monthly quantities through December. The possibilities of a European war have not caused any noticeable increase of buying interest.

—*Continued on page 59*

Fertilizer Tag Sales: August

	Tons*							
		August				January-August		
South—	P.C. of 1937.	1938.	1937.	1936.	P.C. of 1937.	1938.	1937.	1936.
Virginia†	140	17,150	11,519	27,189	91	319,961	351,170	297,495
North Carolina¶	47	1,500	3,175	2,425	89	1,003,546	1,124,218	943,435
South Carolina	181	2,353	1,300	1,828	86	627,189	732,446	582,492
Georgia	141	1,064	750	2,122	83	700,283	845,289	656,566
Florida†§	94	15,899	16,878	18,481	90	308,600	344,037	283,202
Alabama	82	450	550	600	85	522,000	617,660	462,100
Mississippi	40	475	1,200	340	92	298,636	323,785	232,733
Tennessee†	160	3,062	1,914	5,512	92	113,177	123,118	94,943
Arkansas‡	..	250	250	250	95	62,850	66,475	44,506
Louisiana†	79	1,250	1,580	1,850	94	125,222	133,852	93,761
Texas†	24	150	630	25	96	72,122	74,977	53,436
Oklahoma	79	400	505	.....	126	7,080	5,625	5,005
Totals, South	109	44,005	40,251	60,622	88	4,160,666	4,742,652	3,749,674
Midwest—								
Indiana	68	62,000	91,350	56,275	86	202,046	234,895	183,580
Illinois	154	5,195	3,363	4,613	92	35,412	38,596	24,345
Kentucky	25	2,650	10,783	4,381	98	97,548	99,385	72,725
Missouri	80	10,156	12,659	27,381	78	34,965	44,714	52,202
Kansas	102	3,895	3,819	2,733	128	7,458	5,804	4,828
Totals, Midwest	69	83,896	121,974	95,383	89	377,429	423,394	337,680
Grand totals	79	127,901	162,255	156,005	88	4,538,095	5,166,046	4,087,354

* Monthly records of fertilizer tax tags are kept by State control officials and may be slightly larger or smaller than the actual sales of fertilizer. The figures indicate the equivalent number of short tons of fertilizer represented by the tax tags purchased and required by law to be attached to each bag of fertilizer sold in the various States.

† Cottonseed meal sold as fertilizer included.

‡ Excludes 29,800 tons of cottonseed meal for January-August combined, but no separation is available for the amount of meal used as fertilizer from that used as feed.

§ Includes 18,758 tons of phosphatic and lime materials for January-August, 1938.

¶ July, 1938, tonnage figure revised to 4,892 tons.

(Compiled by the National Fertilizer Association)

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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ADONIS FLOWERS—1 bl, New York Trust Co, President Roosevelt, Hamburg
HERBS—1 bl, New York Trust Co, President Roosevelt, Hamburg
ROOT—1 bl, New York Trust Co, President Roosevelt, Hamburg
AGAR AGAR—5 bls, L & R Milliam, Kinai, Kobe
10 bls, T M Duche & Sons, Niel Maersk, Kobe
AGRIMONY HERBS—1 bl, New York Trust Co, President Roosevelt, Hamburg
ALBUMEN, DUCK—56 cs, American Cyanamid & Chem Co, Niel Maersk, Shanghai
EGG, HEN—28 cs, Consumers Import Co, Kinai, Tientsin
28 cs, D L Moss & Co, Kinai, Tientsin
28 cs, H Baron & Co, Kinai, Tientsin
28 cs, Kinai, Tientsin
28 cs, Stein, Hall & Co, Kinai, Tientsin
28 cs, Wood & Selick, Kinai, Tientsin
100 cs, Paul A Dunkel & Co, Niel Maersk, Shanghai
22 cs, Chase National Bank, Niel Maersk, Shanghai
ALMOND FLOUR—10 bgs, Dodge & Olcott Co, Excalibur, Marseilles
ALUMINUM LEAF — 134 cs, Globe Shipping Co, Hamburg, Hamburg
19 cs, F P Gaskell & Co, Bremen, Bremen
POWDER — 25 dms, T D Downing & Co, Hamburg, Hamburg
AMMONIA, SULPHATE—450 bgs, Bradley & Baker, Veendam, Rotterdam
AMMONIAC SAL—50 cs, Solvay Sales Corp, American Shipper, Liverpool
ANISE—54 bgs, Siboney, Vera Cruz
25 bgs, Excalibur, Alexandria
ANNATTO SEED—50 bgs, Barclay Bank, Chiriqui, Kingston
ANTIMONY, ORE — 441 bgs, Philipp Bros, Santa Rita, Arica
2,945 bgs, Bank of London South America, Helga, Bolivia
ARROWROOT—3,100 bgs, Morningstar Nicol, Gunvor, St Vincent
ARTIST'S MATERIAL—4 cs, Favor Fuhl & Co, American Merchant, London
1 cs, Winsor & Newton, Georgic, London
ASBESTOS—17 bls, G F Doherty Co, Hamburg, Hamburg
10 bgs, Booth American Shipping Corp, Palembang, Penang
ASPHALT—675 bgs, A V Berner & Co, Siboney, Havana
MINERAL—380 bgs, Central Comml Co, Seatrain New York, Havana
BALM OF GILEAD BUDS—4 bgs, New York Trust Co, President Roosevelt, Hamburg
BARIUM CYANIDE—1 dm, Veendam, Rotterdam
BLEACHERS TINT—5 bbls, A De Ronde & Co, American Shipper, Liverpool
BLESSED THISTLE—2 bgs, New York Trust Co, President Roosevelt, Hamburg
BLUE, BERLIN—2 bbls, Fezandie & Sperrle, Gudrum Maersk, Rotterdam
BLEACHERS—5 bbls, A De Ronde & Co, American Shipper, Liverpool
BRONZE—15 dms, Stanley Doggett, Veendam, Rotterdam
8 dms, Veendam, Rotterdam
BONES—1 car, Geck Trading Corp, Seatrain New York, Havana
BRISTLES—16 cs, 1 ck, American Merchant, London
9 cs, Continental Bank Trust Co, American Merchant, London
66 cs, Public Natl Bank, Kinai, Dairen
93 cs, B C Ritchie & Co, Kinai, Tientsin
75 cs, Manufacturers Trust Co, Kinai, Tientsin
135 cs, H Rosenhirsch Co, Kinai, Tientsin
55 cs, Tradesman Natl Bank, Kinai, Tientsin
55 cs, F W Von Stade, Kinai, Tientsin
50 cs, Royal Bank of Canada, Kinai, Tientsin
30 cs, Corn Exchange Bank, Kinai, Tientsin
40 cs, Guaranty Trust Co, Kinai, Tientsin
102 cs, N Wagman, Kinai, Tientsin
55 cs, Pittsburgh Plate Glass Co, Kinai, Tientsin
92 cs, S Hirshenhorn & Son, Kinai, Tientsin
346 cs, F H Cone & Co, Kinai, Tientsin
55 cs, Kinai, Tientsin
20 cs, H Rosenhirsch Co, Niel Maersk, Hongkong
50 cs, N Wagman, Niel Maersk, Hongkong
25 cs, Corn Exchange Bank, Niel Maersk, Hongkong
20 cs, A Hurst & Co, Niel Maersk, Hongkong
38 cs, F H Cone & Co, Niel Maersk, Hongkong
16 cs, Chesnut, Cooper & Co, Aquitania, Southampton
55 cs, B C Ritchie & Co, Komaki, Tientsin
BRONZE POWDER—3 cs, B F Drakenfeld & Co, Bremen, Bremen
CALCIUM NITRATE—400 bgs, Synthetic Nitrogen Product Corp, Oslofjord, Berlin
TARTRATE—1,415 bgs, Northern Prince, Buenos Aires
CANARY SEED—800 bgs, A G Dunn, Exermont, Tekirdag
830 bgs, Exermont, Tekirdag
CARAWAY SEED—100 bgs, 11,000 lbs, Levy & Levis, Black Heron, Rotterdam
200 bgs, 22,000 lbs, C M Van Sillevoldt, Veendam, Rotterdam
200 bgs, 22,000 lbs, Levy & Levis, Veendam, Rotterdam
CARBON, DECOLORIZING—33 dms, Veendam, Rotterdam
CARDAMOM—10 cs, American Merchant, London
CAROB BEANS—1 pkg, J Capouya, Excalibur, Marseilles
CASCARILLA BARK—6 bls, W M Allison & Co, Munargo, Nassau
CASSIA—400 bls, B H Old & Co, Niel Maersk, Hongkong
CASTOR BEANS—9,250 bgs, Spencer Kellogg & Sons, Camamu, Santos
5,100 bgs, Camamu, Bahia
3,300 bgs, Rio Pardo, Bahia
CHALK, PRECIPITATED—325 bgs, H J Baker & Bros, Scythia, Liverpool
CHAMOIS SKINS—6 cs, Chase National Bank, President Roosevelt, Hamburg
CHAMOMILE FLOWERS—25 cs, Hamburg, Hamburg
CHEMICALS—200 bgs, 25 bbls, Philipp Bros, Alex Van Opstal, Antwerp
100 bgs, E M Sergeant Pulp & Chemical Co, Alex Van Opstal, Antwerp
200 bgs, Innis, Speiden & Co, Alex Van Opstal, Antwerp
3 bbls, Alex Van Opstal, Antwerp
CHEMICALS—36 cks, Innis, Speiden & Co, Beemsterdijk, Rotterdam
1 cs, Advance Solvents & Chemical Co, Beemsterdijk, Rotterdam
464 cs, 20 bbls, 21 cks, 25 dms, Hamburg, Hamburg
11 cks, Hummel Chemical Co, Hamburg, Hamburg
15 cks, Innis, Speiden & Co, Hamburg, Hamburg
1 cs, H A Gogarty, Hamburg, Hamburg
9 cs, Schimmel & Co, Hamburg, Hamburg
65 bbls, American Cyanamid & Chemical Co, Hamburg, Hamburg
2 pkgs, Wedeman & Godknecht, Hamburg, Hamburg
1,016 pkgs, Advance Solvents & Chemical Co, Hamburg, Hamburg
4 cs, Bremen, Bremen
2 dms, Heemsoth, Kerner Corp, President Roosevelt, Hamburg
15 cs, Mallinckrodt Chemical Works, Kungholm, Gothenburg
10 bgs, American Cyanamid & Chemical Co, Black Heron, Rotterdam
7 bbls, Ciba Co, Normandie, Havre
1 bbl, Geigy Co, Normandie, Havre
8 cs, 1 ck, Pfaltz & Bauer, Berlin, Bremen
2 cs, Heemsoth, Kerner Corp, Berlin, Bremen
150 bgs, 12 cks, Berlin, Bremen
125 cks, E M Sergeant Pulp & Chemical Co, Berlin, Bremen
134 bgs, Advance Solvents & Chemical Co, Pennland, Antwerp
20 dms, Pennland, Antwerp
3 cs, Hoffman La Roche, Veendam, Rotterdam
2 cs, 1 tin, Advance Solvents & Chemical Co, Veendam, Rotterdam
10 cks, Chemical Marketing Co, Veendam, Rotterdam
140 cks, American Chemical Paint Co, Veendam, Rotterdam
14 cs, 1 ck, Veendam, Rotterdam
7 cks, General Dyestuff Corp, Veendam, Rotterdam
25 cks, Jungmann & Co, Pilsudski, Gdynia
CHINA CLAY—25 kegs, E Fougera & Co, American Merchant, London
260 bgs, Whittaker, Clark & Daniels, Veendam, Rotterdam
CHROME METAL—50 dms, Driver, Harris Co, American Shipper, Manchester
OXIDE — 5 bbls, Hensel, Bruckman & Lorbacher, Hamburg, Hamburg
CLAY—40 cks, A Hurst & Co, Veendam, Rotterdam
50 bgs, Ida, Naples
COAL TAR, DERIVATIVES—11 cks, General Aniline Works, Beemsterdijk, Rotterdam
INTERMEDIATES—178 dms, General Aniline Works, Beemsterdijk, Rotterdam
1 dm, Sandoz Chem Works, Bremen, Bremen
18 cks, General Dyestuff Corp, Bremen, Bremen
48 dms, 16 cks, General Aniline Works, Veendam, Rotterdam
3 jugs, 27 cks, 31 dms, General Dyestuff Corp, Veendam, Rotterdam
COBALT METAL—44 kgs, Central Trading Corp, Mormacsea, Wiborg
COCOA BEANS—300 bgs, Middleton & Co, Gunvor, Port Spain
750 bgs, Wood & Selick, Gunvor, Port Spain
300 bgs, Meyer & Co, Gunvor, Port Spain
750 bgs, United Fruit Co, Chiriqui, Cristobal
700 bgs, Camamu, Victoria
19,500 bgs, W Bartholomew & Co, Camamu, Bahia
2,000 bgs, Guaranty Trust Co, Camamu, Bahia
2,000 bgs, Bankers Trust Co, Camamu, Bahia
8,538 bgs, W R Grace & Co, Camamu, Bahia
6,000 bgs, Camamu, Bahia
2,500 bgs, Nieschlag & Co, Rio Pardo, Ilheos
6,000 bgs, Wessel, Kulenkampff & Co, Rio Pardo, Ilheos
13,000 bgs, General Cocoa Co, Rio Pardo, Ilheos
2,000 bgs, A C Israel Commodity Co, Rio Pardo, Bahia
4,000 bgs, General Cocoa Co, Rio Pardo, Bahia
3,000 bgs, Willard, Hawes & Co, Rio Pardo, Bahia
3,000 bgs, Rio Pardo, Bahia
7,778 bgs, W & A Leaman, Beemsterdijk, Rotterdam
500 bgs, Beemsterdijk, Rotterdam
1,000 bgs, Union Trading Co, Hamburg, Hamburg
1,500 bgs, Soc Comm'l de L Quest African, Hamburg, Hamburg
5,600 bgs, Afram Trading Corp, Hamburg, Hamburg
250 bgs, Middleton & Co, Telamon, Port Spain
900 bgs, Machado & Co, Santa Rosa, La Guaira
100 bgs, Meyer & Co, Santa Rosa, Puerto Cabello
1,652 bgs, Curacao Trading Co, Van Rensselaer, La Guaira
3 bgs, Black Heron, Rotterdam
487 bgs, Cypria, Lisbon
250 bgs, Ancon, Cristobal
500 bgs, Palembang, Semarang
250 bgs, Porcella Vicini & Co, San Juan, Porto Plata
794 bgs, Curacao Trading Co, San Juan, Porto Plata
1,000 bgs, Machado & Co, San Juan, Porto Plata
116 bgs, Lopez & Mangual, Calypso, Maracaibo
617 bgs, Calypso, Porto Cabello
2,080 bgs, D Bacon, Scythia, Liverpool
1,200 bgs, Scythia, Liverpool
1,371 bgs, Gillespie & Co, Almena, Trujillo
510 bgs, A S Marques, Almena, Trujillo
1,663 bgs, Wessel, Kulenkampff & Co, Almena, Trujillo
371 bgs, Wessel, Kulenkampff & Co, Almena, Sanchez
RESIDUE—300 bgs, Rio Pardo, Ilheos
1,177 bgs, Veendam, Rotterdam
COCONUTS—80 bgs, 8,000 lbs, H L Daurnheim, Borinquen, San Juan
38 bgs, 3,300 lbs, Simon French, Borinquen, San Juan
40 bgs, 4,000 lbs, J D Cristina, Borinquen, San Juan
30 bgs, 3,000 lbs, J E Garcia, Borinquen, San Juan
40 bgs, 4,000 lbs, E A Marketing, Borinquen, San Juan
1,000 bgs, 100,000 lbs, I L Toledano Corp, Ancon, Cristobal
COCONUTS—100 bgs, 10,000 lbs, E Trucco, Manuela, San Juan
50 bgs, 5,000 lbs, Universal Import & Export Co, Manuela, San Juan
696 bgs, 69,600 lbs, General Food Corp, Manuela, San Juan
50 bgs, 5,000 lbs, I L Toledano Corp, Manuela, San Juan
187 bgs, 18,700 lbs, Manuela, San Juan
1,950 bgs, 195,000 lbs, General Food Corp, Musa, Kingston
1,372 bgs, 137,200 lbs, Universal Import & Export Co, Musa, Kingston
220 bgs, 22,000 lbs, Smith Weiman Co, Musa, Kingston
250 bgs, 25,000 lbs, General Food Corp, Chiriqui, Cristobal
260 bgs, 26,000 lbs, J A Manton, Chiriqui, Kingston
1,738 bgs, 173,800 lbs, General Food Corp, Chiriqui, Kingston
900 bgs, 90,000 lbs, Chiriqui, Kingston
68 bgs, 6,300 lbs, Barclay Bank, Chiriqui, Kingston
COCONUT, DESIC—420 cs, Wilbur, Ellis Co, Kinai, Davao
2,699 cs, 577 bgs, General Food Corp, Niel Maersk, Manila
270 cs, J H Vavasseur Co, Mangalore, Colombo
COLORS — 1 cs, Eastman Kodak Co, Paris, Havre
1 cs, Rohner, Gehrig & Co, Paris, Havre
9 bbls, Lowenstein & Sons, Normandie, Havre
CADMIUM — 6 bbls, Hensel Bruckmann & Lorbacher, Hamburg, Hamburg
DRY—4 cks, American Merchant, London
20 cks, Stanley-Doggett, Excalibur, Genoa
CORIANDER SEED—375 bgs, Export Agency, Exmoor, Casablanca
650 bgs, Exmoor, Casablanca
200 bgs, Cypria, Casablanca
CORK—25 bls, Mundet Cork Corp, Helvig, Lisbon
18 bls, M M Ferrer, Schodack, Bordeaux
SHAVINGS—613 bls, Helvig, Lisbon
231 bls, Beemsterdijk, Rotterdam
VIRGIN—14 bls, Wicander & Co, Helvig, Lisbon
4,345 bls, Exmoor, Casablanca
WASTE—940 bls, Consolidated Cork Corp, Helvig, Lisbon
WOOD—179 bls, Wicander & Co, Helvig, Lisbon
41 bls, Exmoor, Lisbon
40 bls, Wicander & Co, Exmoor, Lisbon
40 bls, H Suhl, Exmoor, Lisbon
10 bls, Armstrong Cork Co, Exmoor, Lisbon
75 bls, Wicander & Co, Cypria, Lisbon
715 bls, Cypria, Lisbon
COTTON LINTERS—150 bls, Agwidale, Tampico
CUMIN SEED—110 bgs, Cypria, Marseilles
100 bgs, Knickerbocker Mills Co, Cypria, Marseilles
CUTTLEFISH BONES—53 cs, Peek & Velsor, Saturnia, Trieste
40 cs, Hinton & Co, Saturnia, Trieste
DANDELION ROOT—13 bls, New York Trust Co, President Roosevelt, Hamburg
DEXTRIN—50 bgs, Veendam, Rotterdam
60 bgs, Morningstar-Nicol, Veendam, Rotterdam
POTATO—1 bg, H T Middleton, Hamburg, Hamburg
100 bgs, Stein, Hall & Co, Veendam, Rotterdam
DISINFECTANT SOIL—162 cs, Copex Co, Veendam, Rotterdam
DRUGS, CRUDE—11 cs, Hamburg, Hamburg
30 cs, Chase Natl Bank, Georgic, London
DUTCH METAL—1 cs, B F Drakenfeld & Co, Bremen, Bremen
DYES—2 cks, Rohner, Gehrig & Co, Bremen, Bremen
10 cks, Ozalid Corp, Veendam, Rotterdam
ALIZARIN—5 cks, General Dyestuff Corp, Bremen, Bremen
9 dms, 2 cks, 37 jugs, General Dyestuff Corp, Veendam, Rotterdam
ANILIN—10 dms, L & R Organic Product, Beemsterdijk, Rotterdam
16 cks, 1 pkg, General Dyestuff Corp, Hamburg, Hamburg
121 dms, Ciba Co, Bremen, Bremen
9 dms, Sandoz Chem Works, Bremen, Bremen
21 cks, 1 cs, General Dyestuff Corp, Bremen, Bremen
1 cs, 119 cns, Ciba Co, Normandie, Havre
17 bbls, Geigy Co, Normandie, Havre
1 dm, E I Du Pont de Nemours Co, Scythia, Liverpool
10 dms, L & R Organic Prod Co, Veendam, Rotterdam
12 dms, 2 cs, 3 jugs, 137 cks, General Dyestuff Corp, Veendam, Rotterdam
ELDER FLOWERS—17 bgs, New York Trust Co, President Roosevelt, Hamburg
EPHEDRA—119 bls, Wah Chang Trading Corp, Kinai, Tientsin
ERGOT—10 cs, J L Hopkins & Co, Veendam, Rotterdam
FAT—10 bbls, Oslofjord, Oslo
FELT SCRAP—14 bls, S Rosenfelder & Son, American Shipper, Manchester
FILTER PAPER—13 cs, H Reeve Angel & Co, Georgic, London
FISH SOUNDS—46 bls, Fulton Freight Forwarding Corp, Santa Rosa, Curacao
FLEASEED—25 bgs, Peek & Velsor, Excalibur, Marseilles
10 bgs, Ideal Trading Co, Excalibur, Marseilles
100 bgs, Kachurin Drug Co, Excalibur, Marseilles
FLUORSPAR—1,411 tons, Cypria, St Raphael
FULLER'S EARTH—200 bgs, Hamburg, Hamburg
GAMBIER—350 bgs, American Cyanamid & Chem Co, Palembang, Singapore
GELATIN—2 cs, International Selling Corp, Paris, Havre
1 cs, G Hirsch Sons, Normandie, Havre
POWD—2 cs, International Selling Corp, Pennland, Antwerp
65 bgs, 15 dms, 14 kgs, 7 bbls, R D McLellan, Veendam, Rotterdam
GINGER ROOT—57 bgs, S B Penick & Co, Chiriqui, Kingston
10 bgs, Chiriqui, Kingston
GLASS, PLATE—10 cs, Brown Bros, Harriman Co, Alex Van Opstal, Antwerp
9 cs, Globe Shipping Co, Hamburg, Hamburg
SHEET—700 cs, National City Bank, Alex Van Opstal, Antwerp
1,000 cs, Pennland, Antwerp
WINDOW—1,250 cs, Manufacturers Trust Co, Alex Van Opstal, Antwerp
300 cs, Alex Van Opstal, Antwerp
2,809 cs, Vitrea & Co, President Roosevelt, Hamburg
537 cs, Pennland, Antwerp
GLUE, HIDE—30 bgs, Saturnia, Trieste
GLUESTOCK—142 bls, Darnstadt, Scott & Courtney, Gudrun Maersk, Antwerp
GLYCERIN—80 dms, Cypria, Marseilles
58 bbls, Saturnia, Trieste
GREASE, SEWAGE—50 dms, Scythia, Liverpool
WOOL—15 dms, Lo Curto & Funk, American Shipper, Liverpool
25 bbls, Hummel Chem Co, Scythia, Liverpool
35 dms, N J Mahnstrom & Co, Scythia, Liverpool
110 dms, Yomachichi, Melbourne
GUM—7 bgs, A D Isbetcherian, Cypria, Marseilles
ARABIC—350 bgs, H Heide, Mangalore, Port Sudan
250 bgs, S B Penick & Co, Mangalore, Port Sudan
75 bgs, Brown Bros, Harriman Co, Mangalore, Port Sudan
COPAL—415 bgs, Stroock & Wittenberg, Alex Van Opstal, Antwerp
450 bgs, O G Innes Corp, Alex Van Opstal, Antwerp
42 bgs, G W S Patterson & Co, American Merchant, London
1 cs, Otto Gerdau Co, Palembang, Macassar
31 baskets, Comm'l National Bank, Palembang, Macassar
31 baskets, France, Campbell & Darling, Palembang, Macassar
120 baskets, Stroock & Wittenberg, Palembang, Macassar
65 baskets, W H Scheel, Palembang, Macassar
180 baskets, Palembang, Macassar
780 baskets, O G Innes Corp, Palembang, Macassar
390 baskets, Pennland, Antwerp
DAMMAR—210 bgs, France, Campbell & Darling, Palembang, Singapore
50 cs, O G Innes Corp, Palembang, Singapore
50 bgs, 350 cs, Stroock & Wittenberg, Palembang, Batavia
150 cs, Chase National Bank, Palembang, Batavia
LOCUST BEAN—30 bgs, T M Duche & Sons, Excalibur, Genoa
35 bgs, Excalibur, Genoa
PERILLA—75 bls, Santo Domingo & Co, Santa Rosa, Cristobal
SANDARAC—16 bbls, Exmoor, Casablanca
15 bbls, Cypria, Casablanca
TRAGACANTH—34 cs, E Meer & Co, President Roosevelt, Hamburg
8 cs, Gudrun Maersk, London
56 bgs, Excalibur, Marseilles
YACCA—456 bgs, Yomachichi, Adelaide
GYPSUM—4,450 tons, U S Gypsum Co, Gypsum Empress, Windsor
2,190 tons, National Gypsum Co, Vaga, Dingwall
300 bgs, Whittaker, Clark & Daniels, American Shipper, Manchester
HENNA LEAVES—20 bgs, Peek & Velsor, Mangalore, Port Said
HERBS, MEDICINAL—30 bls, Alex Van Opstal, Antwerp
185 bgs, S B Penick & Co, Black Heron, Rotterdam
74 bls, 1 pkg, Saturnia, Trieste
IRISH MOSS—30 bls, Paris, Havre
POWDERED—10 bgs, Paris, Havre
IRON ORE—22,250 tons, Bethlehem Steel Co, Amerikaland, Cruz Grande
17 dms, Reichard-Coulston, American Shipper, Liverpool
7,744 tons, L J Buck, Laponia, Narvik
OXIDE — 5 cks, Scott L Libby Corp, Beemsterdijk, Rotterdam
15 cks, American Shipper, Liverpool
4 cks, First National Bank, Scythia, Liverpool
2 cks, Landers Segal Color Co, Scythia, Liverpool
33 cks, J A McNulty, Scythia, Liverpool
75 cks, Robinson-Wagner Co, Veendam, Rotterdam
7 cks, Reichard-Coulston, Veendam, Rotterdam
ISINGLASS—5 cs, Georgic, London
20 cs, C H Reisig, Georgic, London
KOLA NUTS—86 bgs, D Steengrafe, Musa, Kingston
50 bgs, J A Manton, Chiriqui, Kingston
50 bgs, Barclay Bank, Chiriqui, Kingston
150 bgs, D Steengrafe, Chiriqui, Kingston
LAVENDER FLOWERS—18 bls, Peek & Velsor, Excalibur, Marseilles
LEAVES, MEDICINAL—19 bls, Eli Lilly & Co, Veendam, Rotterdam
214 bgs, American Express Co, Ida, Seville
LICORICE PASTE—10 cs, Cypria, Marseilles
20 cs, W H Allison & Co, Ida, Catania
ROOT—191 bgs, J L Hopkins & Co, Ida, Trieste
LIME JUICE—100 cs, R F Downing & Co, American Merchant, London
20 hhds, T A Hedley, Gunvor, Roseau
MACE—34 cs, Catz American Co, Palembang, Banda
50 cs, Catz American Co, Palembang, Macassar
28 cs, Palembang, Macassar
5 cs, B H Old & Co, Gunvor, Grenada
55 cs, Van Norden & Archibald, Gunvor, Grenada
MAGNESIA, CALCINED — 25 cs, Schofield-Donald Co., American Shipper, Liverpool
CARBONATE — 25 cs, 150 cks, Schofield-Donald Co, American Shipper, Liverpool
MAGNESITE CALCINED—30 dms, Speiden-Whitfield Co, Veendam, Rotterdam
MANGANESE PASTE — 12 cs, Byrnes & Lowery, Georgic, London
MARJORAM LEAVES—6 bgs, M Harrison Doyle & Co, Borinquen, Trujillo
MATCHES, SAFETY—3,200 contrs, N Y Match Co, Kungsholm, Gothenburg
300 tins, Pennland, Antwerp
MATE—42 bbls, Camamu, Rio de Janeiro
MEDICINAL PREPS—3 cs, Burroughs, Wellcome & Co, American Merchant, London
13 cs, E Fougera & Co, Paris, Havre
16 cs, J Personeni, Excalibur, Genoa
MENTHOL—5 cs, Corn Exchange Bank, Niel Maersk, Shanghai
MICA—35 cs, Guaranty Trust Co, Mangalore, Calcutta
13 cs, Philadelphia National Bank, Mangalore, Calcutta
BLOCK—36 cs, Mangalore, Calcutta
MOLASSES — 612,300 gls, Comm'l Molasses Corp, Castana, La Grande
395,228 gls, Comm'l Molasses Corp, Castana, Havana
400,000 gls, Irving Trust Co, Castana, Havana
MULLEIN FLOWERS—1 cs, New York Trust Co, President Roosevelt, Hamburg
MUSTARD SEED — 200 bgs, I Harrison & Whitney, President Roosevelt, Hamburg
50 bgs, B H Old & Co, Veendam, Rotterdam
200 bgs, Charles Gulden, Exermont, Palermo
NUTGALLS—252 bgs, Kane Import Corp, Niel Maersk, Shanghai

NUTMEGS—50 bgs, Van Norden & Archibald, Gunvor, Grenada
OCHER—34 dms, 224 bgs, Reichard-Coulston, American Shipper, Liverpool
25 cks, Whittaker, Clark & Daniels, Excalibur, Marseilles
1,140 bgs, 35 cks, Reichard-Coulston, Excalibur, Marseilles
500 bgs, 25 cks, Excalibur, Marseilles
50 cks, J A McNulty, Excalibur, Marseilles
90 cks, Scott L Libby Corp, Excalibur, Marseilles
52 cks, Robinson-Wagner Co, Excalibur, Marseilles
OIL, ALMOND—4 cs, Geo Lueders & Co, Excalibur, Marseilles
ANISE—5 dms, W J Bush & Co, Cypria, Marseilles
BAY—10 cs, D Steengrafe, Borinquen, San Juan
16 cs, D Steengrafe, Manuela, Arroyo
7 cs, Gunvor, Roseau
BERGAMOT—75 cs, Exermont, Messina
CAJEPUT—4 dms, Palembang, Namlea
CAMPHOR—25 dms, 20,000 lbs, Orbis Product Corp, Niel Maersk, Kobe
50 dms, Dodge & Olcott Co, Komaki, Kobe
CARAWAY—5 cs, Norda Essential Oil & Chem Co, Beemsterdijk, Rotterdam
2 dms, Dodge & Olcott Co, Veendam, Rotterdam
CASSIA—10 dms, Melchers, Inc, Niel Maersk, Hongkong
5 dms, Niel Maersk, Hongkong
CINNAMON LEAF—29 dms, R C Treatt & Co, American Merchant, London
CITRONELLA—8 dms, Corn Exchange Bank, Palembang, Batavia
8 dms, Netherl Trading Agency, Palembang, Batavia
6 dms, Magnus, Mabee & Reynard, Mangalore, Colombo
10 dms, Dodge & Olcott Co, Mangalore, Colombo
8 dms, Orbis Product Corp, Steel Seafarer, Cheribon
10 dms, G Uhe Co, Steel Seafarer, Cheribon
CLOVES—20 cks, French Line, Steel Seafarer, Manila
COCONUT—465 tons, Bankers Trust Co, Niel Maersk, Manila
580 tons, Spencer, Kellogg & Sons, Komaki, Manila
10 cs, I L Toledano Corp, Chiriqui, Kingston
1 cs, Aries & Co, Excalibur, Marseilles
COD—300 dms, Hamburg, Hamburg
5 dms, Balfour, Guthrie & Co, President Roosevelt, Hamburg
4 dms, Tobias T Pergement & Co, President Roosevelt, Hamburg
200 dms, 1 cs, E M Javitz Co, Oslofjord, Alesund
150 dms, Oslofjord, Bergen
CODLIVER—234 dms, J D Irwin & Co, President Roosevelt, Hamburg
185 dms, H H Rosenthal Co, President Roosevelt, Hamburg
40 bbls, E M Javitz Co, Oslofjord, Alesund
25 dms, 1,212 cs, C L Huisking & Co, Oslofjord, Alesund
40 dms, P R Dreyer, Oslofjord, Alesund
370 dms, H H Rosenthal Co, Oslofjord, Bergen
125 dms, Oslofjord, Reykjavik
150 bbls, Schieffelin & Co, Oslofjord, Bergen
COTTONSEED — 1,010 tons, California National Association, Moira, Hull
CRUDE—100 dms, D F Sallows, Esso Aruba, Aruba
ESSENTIAL — 2 cs, President Roosevelt, Havre
3 cs, President Roosevelt, Basle
17 pkgs, Paris, Havre
25 pkgs, Normandie, Havre
6 cs, Gudrun Maersk, London
11 dms, Komaki, Yokohama
2 pkgs, Chiriqui, Kingston
60 pkgs, Excalibur, Marseilles
EUCALYPTUS—28 dms, Orbis Product Corp, City of Hankow, Sydney
14 dms, Dodge & Olcott Co, Yomachichi, Sydney
26 dms, Orbis Product Corp, Yomachichi, Melbourne
FUEL—95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
100,000 bbls, Standard Oil Co of N J, Beacon, Aruba
65,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
GERANIUM—3 dms, Excalibur, Marseilles
LAVENDER—2 dms, A Verley, Excalibur, Marseilles
1 dm, 6 cs, Excalibur, Marseilles
LEMON—1 cs, Rohner, Gehrig & Co, Gudrun Maersk, London
25 qtr cs, Magnus, Mabee &Reynard, Exermont, Messina
LEMONGRASS — 2 dms, Van Ameringen, Haebler, Excalibur, Marseilles
LIME—8 cs, Gunvor, Roseau
LINSEED—10 dms, Veendam, Rotterdam
MINERAL—225 dms, Heemsoth Kerner Corp, Hamburg, Hamburg
30 dms, 1 cn, 15 bbls, Hamburg, Hamburg
OLIVE—50 dms, Excalibur, Piraeus
130 dms, Ionian Bank, Excalibur, Piraeus
100 dms, Modern Packing Co, Excalibur, Piraeus
25 dms, J Huber, Excalibur, Piraeus
490 cs, Excalibur, Leghorn
75 dms, Pastene & Co, Excalibur, Genoa
80 dms, Atlantic & Pacific Tea Co, Excalibur, Genoa
10 dms, A Fiore & Co, Excalibur, Genoa
25 dms, B Dorman, Excalibur, Genoa
50 dms, Strohmeyer & Arpe Co, Excalibur, Genoa
30 dms, F T Passo, Excalibur, Genoa
5,180 cs, Excalibur, Genoa
200 cs, 135 pkgs, Excalibur, Marseilles
50 dms, Hellenic Bank, Excalibur, Marseilles
25 dms, Banco Coml Italian Trust Co, Excalibur, Marseilles
575 dms, Smith Weihman Co, Helvig, Piraeus
25 cs, Exmoor, Lisbon
5 dms, Brunswick Lab, Exmoor, Casablanca
50 dms, Magnus, Mabee & Reynard, Cypria, Nice
50 dms, Irving Trust Co, Cypria, Marseilles
25 dms, Banca Coml Italian Trust Co, Cypria, Marseilles
25 dms, Lekas & Drivas, Saturnia, Trieste
559 cs, Saturnia, Dubrovnik
100 dms, W A Taylor & Co, Saturnia, Dubrovnik
100 dms, 6 bbls, Bank of Greece, Saturnia, Dubrovnik
60 cs, Saturnia, Palermo
30 cs, 2 cks, Exermont, Palermo
35 dms, Fontana Hollywood Co, Exermont, Leghorn
1,080 cs, Exermont, Leghorn
850 cs, Exermont, Genoa
50 cs, Ida, Palermo
50 dms, Banca Coml Italian Trust Co, Ida, Sousse
100 dms, Ida, Sousse
75 dms, Irving Trust Co, Ida, Sousse
50 dms, Lekas & Drivas, Ida, Sousse
40 cs, Ida, Seville
100 dms, Schroeder Bros, Excalibur, Piraeus
OIL, OLIVE—150 dms, British French Discount Bank, Excalibur, Piraeus
50 dms, E M Sergeant Pulp & Chem Co, Excalibur, Piraeus
125 dms, Excalibur, Piraeus
80 dms, Haase Co, Excalibur, Piraeus
25 dms, V Sabella, Excalibur, Piraeus
50 dms, J Osola Co, Excalibur, Piraeus
75 dms, C Pappas Co, Excalibur, Piraeus
50 dms, Bank of Athens, Excalibur, Piraeus
100 dms, Leghorn Trading Co, Excalibur, Piraeus
OLIVE FOOTS—51 dms, Public Natl Bank, Ida, Sousse
OLIVE SULPHUR—100 dms, E M Sergeant Pulp & Chem Co, Cypria, Lisbon
474,760 kilos, Guaranty Trust Co, Ida, Sousse
Quantity, Guaranty Trust Co, Ida, Tunis
ORANGE—2 dms, Tombaret Prod Corp, Van Rensselaer, Port au Prince
PALM—57 dms, Scythia, Liverpool
100 dms, Regent Importing Co, Gudrun Maersk, Rotterdam
PATCHOULI—1 dm, Excalibur, Marseilles
PEANUT—20 dms, Lamont, Corliss & Co, Beemsterdijk, Rotterdam
50 dms, De Simone Bros, Beemsterdijk, Rotterdam
1,017 tons, Swift & Co, Moira, Hull
ROSEMARY—1 dm, Excalibur, Marseilles
SASSAFRAS—23 dms, 11,500 lbs, Norda Essential Oil & Chemical Co, Niel Maersk, Kobe
37 dms, 18,500 lbs, Ungerer & Co, Niel Maersk, Kobe
SHEANUT—44 bbls, N C Littauer, Veendam, Rotterdam
SPERM—50 dms, Transylvania, Glasgow
SUNFLOWER SEED—25 dms, I R Boody & Co, Beemsterdijk, Rotterdam
TEASEED—50 dms, American Cyanamid & Chemical Co, Niel Maersk, Hongkong
100 dms, W R Grace & Co, Niel Maersk, Hongkong
134 dms, Arnhold & Co, Niel Maersk, Shanghai
100 dms, Leghorn Trading Co, Niel Maersk, Hongkong
100 dms, Niel Maersk, Hongkong
THYME—1 bbl, Cypria, Casablanca
TURTLE—5 cs, E Seelback, Ancon, Cristobal
VEGETABLE—2 dms, I R Boody & Co, Veendam, Rotterdam
WHITE—30 dms, Pennland, Antwerp
YLANG YLANG—6 cks, French Line, Steel Seafarer, Manila
OPIUM—2 cs, E R Squibb & Sons, Exermont, Istanbul
ORANGE PEEL—32 bgs, S B Penick & Co, Van Rensselaer, Port au Prince
1 bg, Gillespie & Co, Van Rensselaer, Port au Prince
ORES—10 crts, C Happel, American Merchant, London
PAINT—1 keg, 2 dms, International Paint & Composition Co, Georgic, London
PAPAIN—13 half chests, Dodwell & Co, Mangalore, Colombo
PAPRIKA—50 bgs, Continental Bank Trust Co, President Roosevelt, Hamburg
25 bgs, J Raphael & Son, President Roosevelt, Hamburg
PEAT DUST—210 bls, New Amsterdam Import & Supply Co, Transylvania, Glasgow
MOSS—404 bls, Irving Trust Co, Hamburg, Hamburg
1,500 bls, Berlin, Bremen
609 bls, C K Ketzel, Veendam, Rotterdam
860 bls, Pilsudski, Gdynia
PEPPER—10 bgs, Gudrun Maersk, London
BLACK—81 bgs, Steel Seafarer, Telok Betong
PERU BALSAM—4 dms, 9 cs, Ancon, Cristobal
PETROLEUM, CRUDE—101,000 bbls, Standard Oil Co of N J, W C Teagle, Aruba
107,724 bbls, Standard Oil Co of N J, Walter Jennings, Guiria
1,088,412 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
72,403 bbls, Cities Service Asphalt Prod Co, Mirlo, Las Piedras
PITCH—3 bbls, Hamburg, Hamburg
PLANT EXTRACT—35 cs, Hollander & Son, Paris, Havre
POPPY FLOWERS—2 bgs, New York Trust Co, President Roosevelt, Hamburg
POPPYSEED—120 bgs, 13,200 lbs, Beemsterdijk, Rotterdam
100 bgs, 11,000 lbs, C M Van Sillevoldt, Veendam, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Veendam, Rotterdam
100 bgs, 11,000 lbs, Julius Loewith, Pilsudski, Gdynia
300 bgs, 33,000 lbs, H B Cramer & Co, Pilsudski, Gdynia
118 bgs, 12,980 lbs, Catz American Co, Gudrun Maersk, Rotterdam
POTASH CHLORATE—200 dms, C Hardy, Alex Van Opstal, Antwerp
1,700 dms, Uniform Chem Product, Hamburg, Hamburg
MURIATE—Quantity, N V Potash Export Mij, Alex Van Opstal, Antwerp
OXALATE—6 dms, Eugene Dietzgen Co, Berlin, Bremen
PRUSSIATE—35 bbls, American Cyanamid & Chem Co, Beemsterdijk, Rotterdam
20 cks, Veendam, Rotterdam
SALT—5 cs, 3 kgs, American Merchant, London
PUMICE—200 bgs, C B Chrystal & Co, Exermont, Canneto
326 bgs, J H Rhodes & Co, Exermont, Canneto
518 bgs, Whittaker, Clark & Daniels, Exermont, Canneto
2,540 bgs, 11 cks, K F Griffiths, Ida, Canneto
240 bgs, Whittaker, Clark & Daniels, Exermont, Canneto
LUMP—75 bgs, Exermont, Canneto
2,853 bgs, 6 cks, J H Rhodes & Co, Exermont, Canneto
100 bgs, K F Griffiths, Ida, Canneto
PYRETHRUM FLOWERS—121 bls, Trust Co of North America, Camamu, Rio Janeiro
75 bls, R J Prentiss & Co, Komaki, Kobe
125 bls, S B Penick & Co, Komaki, Kobe
QUICKSILVER—31 flasks, Chase National Bank, Agwidale, Tampico
RADIUM—1 cs, Radium Chem Co, Alex Van Opstal, Antwerp
RAPESEED—330 bgs, Hamburg, Hamburg
50 bgs, Levy & Levis Co, Black Heron, Rotterdam
100 bgs, Veendam, Rotterdam
RESIN, OLEO CAPSICUM—6 cs, Magnus, Mabee & Reynard, President Roosevelt, Hamburg
ROOT, MEDICINAL—5 bls, Saturnia, Trieste
41 bls, S B Penick & Co, Saturnia, Trieste
RUBBER, SYNTH—1 ck, Advance Solvents & Chem Co, Bremen, Bremen
RUTILÆ CONCENTRATE—500 bgs, Yomachichi, Sydney
SAGE LEAVES—261 bls, E E Marks & Co, Saturnia, Dubrovnik
SALT—560 bgs, Emil Kohn, Scythia, Liverpool
SALTPETER—454 bgs, Berlin, Bremen
SAND, FURNACE—50 cks, 400 bgs, Beemsterdijk, Rotterdam
SARDINE MEAL—1,902 bgs, Mitsubishi Shoji Kaisha, Tatuno, Kobe
SARSAPARILLA ROOT—31 bls, Agwidale, Tampico
8 bls, Munargo, Havana
SAWDUST—400 bgs, State Chem Co, Beemsterdijk, Rotterdam
SENNA LEAVES—16 bls, Chase National Bank, Mangalore, Port Sudan
SHELLAC—10 cs, 20 bgs, A Hurst & Co, Hamburg, Hamburg
10 cs, Wm Zinsser & Co, American Merchant, London
30 cs, A Hurst & Co, Veendam, Rotterdam
1,100 bgs, Guaranty Trust Co, Mangalore, Calcutta
200 bgs, A Hurst & Co, Mangalore, Calcutta
200 bgs, Ralli Bros, Mangalore, Calcutta
200 bgs, E E Androvette, Mangalore, Calcutta
200 bgs, Mangalore, Calcutta
SEEDLAC—500 bgs, Brown Bros, Harriman Co, Mangalore, Calcutta
1,700 bgs, Guaranty Trust Co, Mangalore, Calcutta
450 bgs, Bank of London South America, Mangalore, Calcutta
900 bgs, Wm Zinsser & Co, Mangalore, Calcutta
200 bgs, Ralli Bros, Mangalore, Calcutta
200 bgs, Mitsubishi Shoji Kaisha, Mangalore, Calcutta
200 bgs, Mangalore, Calcutta
SHEPHERD PURSE—1 bl, New York Trust Co, President Roosevelt, Hamburg
SIENNA—45 bgs, First National Bank of Baltimore, Exermont, Leghorn
SILICON CARBIDE—1,080 bgs, 10 cks, D C Andrews & Co, Oslofjord, Eydehavn
SIMARUBA BARK—4 bgs, 470 lbs, Hamburg, Hamburg
SOAP—5 cs, Titan Shipping Co, American Merchant, London
10 cs, Odette Barsa, Cypria, Marseilles
5 cs, Henry Bendel, Normandie, Havre
60 pkgs, Lekas & Drivas, Excalibur, Piraeus
1,170 cs, Conti Product Co, Excalibur, Leghorn
300 cs, J P Smith & Co, Excalibur, Marseilles
CASTILE—17 cs, R H Macy & Co, Excalibur, Haifa
SADDLE—4 cs, F L Kraemer Co, American Shipper, Liverpool
TOILET—1 cs, J J Murphy, American Merchant, London
SOAP BARK—186 bls, Duncan Fox & Co, Helga, Valparaiso
SODA, HYDROSULPHITE — 90 dms, Sandoz Chem Works, Veendam, Rotterdam
SOLVENTS—500 dms, C P Chemical Solvents, Manuela, Ponce
SPONGES—11 bls, American Sponge & Chamois Co, Siboney, Havana
5 bls, Schroeder & Tremayne, Siboney, Havana
74 bls, J H Rhodes & Co, Siboney, Havana
34 bls, Siboney, Havana
14 bls, Munargo, Nassau
REFUSE—26 bls, American Sponge & Chamois Co, Siboney, Havana
5 bls, Munargo, Nassau
SQUILL—100 bls, Exermont, Messina
40 bgs, Ida, Catania
RED LIQUID—10 cs, Ratin Lab, Pilsudski, Copenhagen
ST IGNATIUS BEANS—1 bg, 224 lbs, Hamburg, Hamburg
STARCH, POTATO—100 bgs, Innis, Speiden & Co, Veendam, Rotterdam
30 cks, Morningstar Nicol, Veendam, Rotterdam
SOLUBLE—1 bg, Veendam, Rotterdam
STEARIN—1 ck, E M Javitz Co, Oslofjord, Alesund
SULPHUR, PRECIP — 10 cks, McKesson & Robbins, Scythia, Liverpool
10 kgs, Scythia, Liverpool
SUMAC — 350 bgs, E E Androvette, Ida, Palermo
TALC—130 bgs, L A Solomon & Bros, Schodack, Bordeaux
102 cs, Binney & Smith Co, Schodack, Bordeaux
150 bgs, Exermont, Leghorn
200 bgs, Whittaker, Clark & Daniels, Exermont, Genoa
200 bgs, C B Chrystal & Co, Exermont, Genoa
1,750 bgs, Charles Mathieu, Exermont, Genoa
500 bgs, Whittaker, Clark & Daniels, Komaki, Kobe
TAPIOCA FLOUR—250 bgs, American Cyanamid & Chem Co, Palembang, Batavia
2,013 bgs, National Adhesive Corp, Palembang, Cheribon
2,424 bgs, Stein, Hall & Co, Palembang, Cheribon
7,682 bgs, Stein, Hall & Co, Palembang, Sourabaya
550 bgs, Chase National Bank, Palembang, Cheribon
1,020 bgs, H P Winter & Co, Palembang, Batavia
330 bgs, H P Winter & Co, Palembang, Cheribon
5,023 bgs, 1 cs, Corn Product Refining Co, Almena, Puerto Plata
100 bgs, Catz American Co, Steel Seafarer, Cheribon
3,503 bgs, Stein, Hall & Co, Steel Seafarer, Cheribon
1,723 bgs, H P Winter & Co, Steel Seafarer, Batavia
500 bgs, Stein, Hall & Co, Steel Seafarer, Tegal
250 bgs, Rutger, Bleecker & Co, Steel Seafarer, Cheribon
TARTAR—196 bgs, J P Morgan & Co, Cypria, Lisbon
182 bgs, Standard Brands, Cypria, Marseilles
5,869 bgs, Charles Pfizer & Co, Cypria, Marseilles
450 bgs, Charles Pfizer & Co, Exermont, Messina
501 bgs, Ida, Naples
204 bgs, Standard Brands, Ida, Algiers
90 bgs, Charles Pfizer & Co, Excalibur, Marseilles
55 bgs, Standard Brands, Excalibur, Marseilles
THYME LEAVES—20 bls, Cypria, Marseilles
TUBA ROOT—48 bls, Palembang, Singapore
UMBER—36 cks, Stanley Doggett, Excalibur, Alexandria
30 cks, T H Dietz, Excalibur, Alexandria
VALONIA EXTRACT—71 bgs, 15,620 lbs, Tannin Corp, Helvig, Izmir
VANILLA BEANS—47 cs, Cypria, Marseilles
231 cs, French Line, Steel Seafarer, Manila
23 cs, Dodge & Olcott Co, Excalibur, Marseilles
21 cs, Bank of Manhattan, Excalibur, Marseilles
24 cs, Philadelphia National Bank, Excalibur, Marseilles
23 cs, Dammann & Smeltzer, Excalibur, Marseilles
WATER, MINERAL—20 cs, Dorf & Co, Paris, Havre
5 cs, R C Williams & Co, Georgic, London
25 cs, D F Young, Georgic, London
900 cs, E & J Burke, Cypria, Marseilles
WAX, BEES—91 bgs, Brown Brothers, Harriman Co, Camamu, Rio de Janeiro
384 bgs, Camamu, Rio de Janeiro
49 bgs, F B Ross Co, Helvig, Lisbon
31 bgs, Machado & Co, Borinquen, Trujillo
5 bls, D Steengrafe, Manuela, San Juan
76 bgs, Lenape Trading Co, San Juan, Azua
13 bgs, Mecke & Co, San Juan, Azua
29 bgs, Agwidale, Tampico
47 bgs, Van Oppen & Co, Siboney, Havana
10 bgs, A S Marques, Almena, Trujillo
13 bgs, Mecke & Co, Almena, Trujillo
WAX, BEES—8 seroons, Porcella, Vicini & Co, Almena, Trujillo
20 bgs, Schutte & Focke, Almena, Sanchez
15 seroons, Porcella, Vicini & Co, Almena, Puerto Plata
10 bgs, Excalibur, Alexandria
CARNAUBA—48 bgs, Rio Pardo, Bahia
CERESIN—2 cs, Concentrate Mfg Co, Paris, Havre
32 bls, Asiatic Petroleum Corp, Palembang, Sourabaya
MINERAL — 50 bgs, Strohmeyer & Arpe, Georgic, London
MOULDING—10 cs, Phoenix Shipping Co, Hamburg, Hamburg
OZOKERITE—100 bgs, Strohmeyer & Arpe Co, Saturnia, Trieste
20 bgs, Strahl & Pitsch, Saturnia, Trieste
33 bgs, Heemsoth, Kerner Corp, Hamburg, Hamburg
50 bgs, Strahl & Pitsch, Hamburg, Hamburg
128 bgs, Pilsudski, Gdynia
REFINED—1,694 bgs, Standard Oil Co of N J, Palembang, Palembang
SPERMACETI—100 cs, McKesson & Robbins, Transylvania, Glasgow
VEGETABLE—50 bgs, A Hurst & Co, Transylvania, Glasgow
200 cs, Strohmeyer & Arpe Co, Niel Maersk, Kobe
100 cs, H H Rosenthal Co, Komaki, Kobe
50 bgs, Mecke & Co, Chiriqui, Cristobal
WHITING—1,000 bgs, Alex Van Opstal, Antwerp
400 bgs, Pennland, Antwerp
WOODFLOUR—1 bg, Alex Van Opstal, Antwerp
300 bgs, Burnet & Co, Oslofjord, Frederickstad
450 bgs, State Chem Co, Veendam, Rotterdam
975 bgs, Burnet & Co, Mormacsea, Kotka
YEAST—125 bbls, Hamburg, Hamburg
105 bbls, Vulkan Yeast Co, Hamburg, Hamburg
BREWERS—1 pkg, Massee & Co, Alex Van Opstal, Antwerp
ZINC, OXIDE—1 dm, Advance Solvents & Chem Co, Veendam, Rotterdam
PRECIPITATED — 3 dms, Royal Bank of Canada, Santa Rosa, Puerto Colombia

New York Transit Imports

AGAR AGAR—8 bls, Takamine Corp, Komaki, Yokohama, Detroit
ISINGLASS—10 cs, National Carloading Corp, American Merchant, London, Chicago
MENTHOL—50 cs, McKesson & Robbins, Kinai, Kobe, Bridgeport
25 cs, McKesson & Robbins, Komaki, Kobe, Bridgeport
OIL, CHINAWOOD—269 tons, Werner G Smith Co, Niel Maersk, Hongkong, Cleveland
COCONUT—696 tons, Spencer Kellogg & Sons, Niel Maersk, Manila, Buffalo
OLIVE—200 dms, Ida, Algiers, Providence
PIMENTO—100 bgs, Royal Bank of Canada, Chiriqui, Kingston, Cincinnati
PYRETHRUM FLOWERS—75 bls, McKesson & Robbins, Komaki, Kobe, Bridgeport
RESIN, SYNTH LIQ—1 cs, American Express Co, American Merchant, London, Louisville
SPONGES—110 bls, Siboney, Havana, Brussels
2 bls, Siboney, Havana, Havre
2 bls, Siboney, Havana, Paris
11 bls, Munargo, Nassau, Kobe
22 bls, Munargo, Nassau, London
REFUSE—13 bls, Munargo, Nassau, London
7 bls, Munargo, Nassau, Amsterdam
18 bls, Munargo, Nassau, Rotterdam
TEAWASTE—1,324 bgs, Mangalore, Calcutta, Maywood
VANILLA BEANS—11 cs, Zink & Triest, Siboney, Vera Cruz, Philadelphia
2 cs, M Cortizas Co, Siboney, Vera Cruz, Philadelphia

Baltimore Imports

CHEMICALS—600 bgs, Quaker City, Glasgow
FERROMANGANESE—600 tons, Frank Samuel Co, Topeka, Porsgrund
FISHMEAL—2,000 bgs, Nagara, Yokohama
IRON ORE—7,986 tons, Leo J Buck, Lulea, Narvik
22,500 tons, Bethlehem Steel Co, Marore, Cruz Grande
22,000 tons, Bethlehem Steel Co, Chilore, Cruz Grande
21,800 tons, Bethlehem Steel Co, Lebore, Cruz Grande
8,005 tons, Leo J Buck, Oxelosund, Narvik
MANGANESE ORE—7,800 tons, Kattegat, Poti
OIL, FUEL—40,000 bbls, Standard Oil Co N J, F H Bedford Jr, Aruba
PETROLEUM, CRUDE—70,000 bbls, Standard Oil Co N J, F H Bedford Jr, Aruba
SARDINE MEAL—2,000 bgs, Nagara, Moji
2,000 bgs, Nagara, Kobe
SEAWEED, DRIED—20 bgs, Quaker City, Liverpool
TANKAGE—2,600 bgs, Astri, Buenos Aires
541 bgs, Fernbrook, Buenos Aires

Boston Imports

ACID, NITRIC—10 dms, 11,728 lbs, Advance Solvents & Chemical Corp, Ivar, Heroen
ALUMINUM POWDER—11 cs, 6,544 lbs, Waukegan, Bremen
AMMONIA PHOSPHATE—1,498 tons, National City Bank, Pluto, Antwerp
BARYTES—200 bgs, 22,046 lbs, Philipp Bros, Waukegan, Bremen
BLEACHING POWDER—50 cks, 23,810 lbs, Excalibur, Marseilles
CALCIUM NITRATE—1,000 bgs, 102,205 lbs, Synthetic Nitrogen Products Corp, Ivar, Heroen
755 tons, Synthetic Nitrogen Products Corp, Ivar, Heroen
CASSIA—73 pkgs, City of Kimberley, Padang
CHINA CLAY—132 tons, 14 cwt, Moore & Munger, Montreal City, Fowey
2,382 tons, English China Clays Sales Corp, Montreal City, Fowey
CLAY, BLUE—40 tons, Moore & Munger, Montreal City, Fowey

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COALTAR DISTILLATE—10 dms, Monsanto Chemical Co, American Shipper, Liverpool
COCOA BEANS—1,600 bgs, American Shipper, Liverpool
COLOR, DRY—3 cs, American Express Co, Scythia, Liverpool
POTTER'S—1 csk, Scythia, Liverpool
CORUNDUM CRYSTAL—1,109 bgs, 112 tons, City of New York, Lourenco Marques
EELGRASS—96 bls, Samuel Cabot, Yarmouth, Yarmouth
94 bdls, Samuel Cabot, Evangeline, Yarmouth
FERTILIZER—4,537 bgs, 500 tons, Pluto, Antwerp
FISH LIVERS—22 tins, O K Service II, La Have, N S
3 cs, H M Crocker, Saint John, Yarmouth, N S
1 cs, Dench & Hardy, Evangeline, Yarmouth
1 cs, H M Crocker, Evangeline, Yarmouth
MEAL—5,000 bgs, 500,000 lbs, Kirisima, Kobe
GLASS, WINDOW—22 cs, 13,746 lbs, Waukegan, Hamburg
GLUESTOCK, FISH—40 bxs, 1 bbl, J R Poole, Yarmouth, Yarmouth
15 bxs, J R Poole, Evangeline, Yarmouth
GUM, ARABIC—100 bgs, 22,487 lbs, City of Bath, Port Sudan
INDUSTRIAL—25 bgs, 1 ton, 5 cwt, 1 qtr, 22 lbs, J P Marston Co, Scythia, Liverpool
50 cks, J P Marston Co, American Shipper, Liverpool
LOCUST BEAN—35 bgs, 7,952 lbs, Excalibur, Genoa
LIME JUICE—3 cks, Barclay's Bank, Lady Hawkins, St Lucia
26 cks, J P W Von Laer, Lady Hawkins, Dominica
MACE—25 cs, City of Kimberley, Padang
MEDICINAL PREPS—10 cs, United Drug Co, Scythia, Liverpool
MICA SPLITTINGS—18 cs, National City Bank, City of Bath, Calcutta
8 cs, City of Bath, Calcutta
175 cs, Guaranty Trust Co, Mangalore, Calcutta
MOLASSES—113 bbls, Lady Hawkins, Georgetown
NUTMEGS—50 bgs, C T Wilson & Co, Lady Hawkins, Grenada
OCHER—580 bgs, 35 cks, 50,805 lbs, Reichard-Coulston, Excalibur, Marseilles
OIL, COCONUT—684 tons, Philippine Refining Corp, Steel Seafarer, Manila
CODLIVER—61 bbls, 29,652 lbs, Waukegan, Hamburg
FUEL—22,000 bbls, 924,000 gls, Colonial Beacon Oil Co, Scottish Heather, Aruba
PEATMOSS—100 bls, 13,977 lbs, Atkins & Durbrow, Waukegan, Bremen
400 bls, 59,745 lbs, Peat Import Corp, Waukegan, Bremen
PETROLEUM, CRUDE—42,687 bbls, 6,440 tons, Colonial Beacon Oil Co, Scottish Heather, Las Piedras
PLASTICINE—69 cs, J L Hammett Co, American Shipper, Liverpool
POTASH, MURIATE—1,000,888 lbs, N V Potash Export Mij, Waukegan, Bremen
SULPHATE—2,000 bgs, 402,736 lbs, N V Potash Export Mij, Waukegan, Bremen
SHELLAC—25 cs, Guaranty Trust Co, Mangalore, Calcutta
50 bgs, Grace National Bank, Mangalore, Calcutta
SEEDLAC—300 bgs, City of Bath, Calcutta
200 bgs, First National Bank, City of Bath, Calcutta
SOAP—2 cs, American Express Co, Scythia, Liverpool
49 cs, 2,976 lbs, General Importing Co, Excalibur, Piraeus
75 cs, 2,900 lbs, Conti Products Corp, Excalibur, Leghorn
TOILET—7 cs, American Express Co, American Shipper, Liverpool
SODA, HYDROSULPHITE—20 kgs, 1 ton, 2 cwt, 16 lbs, Lever Bros, Scythia, Liverpool
TALC—100 bgs, 22,046 lbs, L A Salomon & Bros, Excalibur, Marseilles
TAPIOCA FLOUR—1,000 bgs, Stein, Hall & Co, Steel Seafarer, Cheribon
TARTAR—41 bgs, 11,234 lbs, Excalibur, Marseilles
WOOD, PRESERVATIVE—11 dms, Cuprinol, Inc, American Shipper, Liverpool

Fall River Imports

OIL, FUEL—25,238 bbls, 1,059,796 gls, Shell Union Oil Corp, Sandefjord, Curacao

Gloucester Imports

CODLIVER OIL CAKE—5 bgs, 29 bbls, from Newfoundland
OIL, CODLIVER—522 dms, 143 bbls, 4 csks, from Newfoundland

Houston Imports

CHEMICALS—50 bbls, Leerdam, Rotterdam
EARTH, COLORING—5 csks, Montello, Genoa
FULLER'S EARTH—750 bgs, San Mateo, Antwerp
PETROLEUM, CRUDE—35,188 bbls, R W McIlvain, Tuxpam
89,407 bbls, Pericles, Tuxpam
SODA CHLORATE—2,000 dms, Leerdam, Antwerp

Los Angeles Imports

AGAR AGAR—3 bls, 800 lbs, Tatuta, Kobe
AMMONIA PHOSPHATE—3,700 bgs, 369,600 lbs, Kingsley, Trail
800 bgs, 78,400 lbs, Rosebank, Trail
SULPHATE—3,700 bgs, 369,600 lbs, Kingsley, Trail
ANTIMONY ORE—85,000 lbs, From Mexico
CARAWAY SEED—3,500 lbs, Nela, Haarlem
CASSIA—72 bls, President Pierce, Hongkong
CHEMICAL COMPOUND—1,200 lbs, Kinai, Yokohama
SALT—500 lbs, Arimasan, Yokohama
CLAY, COMMON—260 bgs, 28,830 lbs, Nela, Cologne
COALTAR PRODUCTS—10 lbs, Taiyo, Yokohama
DRUGS, ADVANCED—200 lbs, Taiyo, Yokohama
GELATIN, EDIBLE—25 bbls, 7,300 lbs, Nela, Rotterdam
GLASS, PLATE—21 cs, 53,270 lbs, Tacoma, Brussels
SHEET—92 cs, 17,720 lbs, Tacoma, Prague
GYPSUM, CRUDE—7,707,840 lbs, Griffco, San Marcos
INK—210 lbs, Tatuta, Tokyo
MEDICINAL PREPS—40 lbs, Tatuta, Kobe
420 lbs, Taiyo, Yokohama
OIL, MUSTARD SEED—100 dms, 40,000 lbs, Komaki, Japan
OLIVE—125 cs, 10,900 lbs, From Genoa
25 dms, 11,270 lbs, From Leghorn
PALM—17 pkgs, 2,050 lbs, Salacia, London
PEANUT—2,520 lbs, President Pierce, Hongkong
RAPESEED—150 dms, 64,220 lbs, Tatuta, Osaka
RICE BRAN—150 dms, 60,000 lbs, Komaki, Osaka
PAINT—5 lbs, from London
PEATMOSS—200 bls, 27,400 lbs, Este, Bremen
500 bls, 71,680 lbs, Tacoma, Bremen
PERFUMERY—4 lbs, from Paris
POPPYSEED—5,450 lbs, Nela, Holland
POTASH, CAUSTIC—12 dms, 6,680 lbs, Tacoma, Berlin
MURIATE — 300 bgs, 60,480 lbs, Tacoma, Hamburg
SULPHATE—4,000 bgs, 669,760 lbs, Tacoma, Hamburg
SARDINE MEAL — 3,803 bgs, 379,200 lbs, Atago, Kobe
SEAWEEDS—230 lbs, Tatuta, Kobe
SESAME SEED — 100 bgs, 19,800 lbs, Niel Maersk, Hongkong
SHELLAC, MFRS—1,210 lbs, Kinai, Yokohama
SODA, CYANIDE—500 pkgs, 112,000 lbs, Nela, Basel
TOILET PREPS—60 lbs, Tatuta, Kobe
200 lbs, Taiyo, Yokohama
WATER, MINERAL—50 lbs, Taiyo, Yokohama
WAX, MINERAL—134 bgs, 22,160 lbs, Tacoma, Karlsbad
ZINC, OXIDE—110 lbs, from Richmond

New Orleans Imports

ACID—25 dms, Toloa, Cristobal
STEARIC—67 sx, Cripple Creek, Liverpool
BAUXITE ORE—3,025 tons, Aluminum Ore Co, Lindvangen, Paramaribo
2,029 tons, Aluminum Line, Primo, Paramaribo
CHEMICALS—72 csks, Advance Solvents & Chemical Corp, Koenigsberg, Hamburg
10 kgs, Koenigsberg, Hamburg
COCONUTS—50 sx, J Meyers, Port Antonio, Kingston
1,000 sx, Port Antonio, Kingston
150 sx, J Blake, Port Antonio, Belize
150 sx, A Durand, Port Antonio, Belize
COPRA—1,484 tons, Procter & Gamble Trading Co, Havelland, Cebu
GUM, CHICLE—18 bls, Chicle Development Co, Port Antonio, Belize
OIL, COCONUT—1,880 tons, Asuka, Manila
509 tons, National Bank of Commerce, Havelland, Manila
OLIVE—20 cs, Geo Wm Rueff, Maria, Naples
50 dms, Maria, Sausse
PALM—490 tons, Rhexenor, Belawan Deli
PEATMOSS—460 bls, Peat Import Corp, Koenigsberg, Bremen
PEPPER, BLACK—468 sx, Rhexenor, Batavia
SALTCAKE—454,000 kilos, Saltcake Sales Corp, Koenigsberg, Bremen
TAPIOCA FLOUR—1,751 sx, Hall Trading Corp, Rhexenor, Sourabaya

Norfolk Imports

AMMONIA SULPHATE—80 tons, Va Carolina Chemical Co, Binnendijk, Rotterdam
1,132 tons, Fertilizer Industries, Binnendijk, Rotterdam
451 tons, Royster Guano Company, Binnendijk, Rotterdam
767 tons, Swift & Company, Binnendijk, Rotterdam
BONE MEAL—2,206 bgs, 99 tons, Liberty, Hamburg
PHOSPHATE, PREC—1,150 bgs, 104 tons, Ashcraft Wilkinson, Atlanta, Ga, Black Falcon, Antwerp
CHEMICALS—250 bgs, 125 cks, Advance Solvents & Chem Corp, Binnendijk, Rotterdam
COCOA WASTE—2,820 bgs, Monsanto Chemical Corp, Binnendijk, Rotterdam
9,192 bgs, Monsanto Chem Corp, Binnendijk, Rotterdam
DYES, INTERMEDIATES—17 dms, Cincinnati Chem Works, Binnendijk, Rotterdam
LEATHER CAKE—583 bgs, Liberty, Hamburg
PEATMOSS—300 bls, Marine Midland Trust Co N Y, Binnendijk, Rotterdam
SOAP, COMMON—6 cks, American Express Co, Liberty, Havre

Philadelphia Imports

ACIDS, CRESYLIC — 65 dms, Quaker City, Liverpool
85 dms, Manchester Exporter, Manchester
SOYBEAN OIL—150 dms, Beemsterdijk, Rotterdam
AMMONIA SULPHATE — 200 bgs, Beemsterdijk, Rotterdam
BAUXITE—2,696 tons, Aluminum Union, Asturias, Georgetown
BONES — 11,650 bgs, Philadelphia National Bank, Fernbrook, Rosario
BONE FLOUR—552 bgs, Ore & Chemical Co, Bochum, Hamburg
CARAWAY SEED—25 bgs, Binnendijk, Rotterdam
75 bgs, Beemsterdijk, Rotterdam
CHALK, CRUDE—500,000 kilos, Taintor Trading Co, West Cusseta, Dunkirk
CHEMICALS—10 dms, Quaker City, Hamburg
885 bgs, Bochum, Bremen
200 bgs, Industrial Sales Corp, Black Condor, Antwerp
2 cs, 77 bgs, 51 dms, Binnendijk, Rotterdam
100 bgs, Advance Solvents & Chemical Co., Binnendijk, Rotterdam
275 dms, 58 cks, Beemsterdijk, Rotterdam
100 cks, 550 bgs, Advance Solvents & Chemical Co, Beemsterdijk, Rotterdam
200 bgs, Chase National Bank, Beemsterdijk, Rotterdam
CHINA CLAY—58,819 kilos, United Clay Mines Corp, Binnendijk, Rotterdam
CLAY, VALANDER — 79 cks, Beemsterdijk, Rotterdam
COCOA BEANS—800 bgs, Afram Trading Corp, Bochum, Hamburg
5,280 bgs, Beemsterdijk, Rotterdam
SWEEPINGS—2 bgs, Beemsterdijk, Rotterdam
FERROMANGANESE — 254,100 kilos, Scanpenn, Gdynia
FLAXSEED—2,679,192 kilos, Scanpenn, Gdynia
FLINT PEBBLES—200 bgs, F L Schmidt Co, Scanpenn, Copenhagen
FURNACE SAND—600 bgs, Wm J Jones & Co, Black Condor, Rotterdam
GAMBIA PODS—57 bgs, W & A Leaman, Beemsterdijk, Rotterdam
GAMBIER—90 cs, Philadelphia National Bank, Tabian, Samarang
GLASS, MICROSCOPIC SHEET—4 bxs, Arthur H Thomas Co, Manchester Exporter, Manchester
POLISHED PLATE—11 cs, Brown Brothers Harriman & Co, Black Condor, Antwerp
GLYCERIN—88 dms, West Imboden, Buenos Aires
GUM, COPAL—150 bgs, O G Innes Corp, Black Condor, Antwerp
GYPSUM—4,200 tons, U S Gypsum Co, Gypsum Queen, Windsor
300 bgs, Bochum, Bremen
LICORICE ROOT—7,368 bls, MacAndrews & Forbes Co, Exhibitor, Taranto
452 sks, MacAndrews & Forbes Co, Exhibitor, Taranto
MAGNESITE, CALC—20 cks, 100 bbls, Binnendijk, Rotterdam
MOLASSES—6,107 tons, Atheldulke, Sourabaya
7,602 tons, Atheldulke, Panaroekan
OIL, CODLIVER—100 dms, Allen Forwarding Co, Liberty, Hamburg
53 dms, Liberty, Hamburg
CORN—121,920 kilos, Beemsterdijk, Rotterdam
83,119 kilos, Black Condor, Antwerp
COTTONSEED—550 dms, Polycarp, Pernambuco
237,037 kilos, Beemsterdijk, Rotterdam
9 dms, Beemsterdijk, Rotterdam
OIL, FUEL—2,823,850 gls, Socony Vacuum Oil Co, Inc, Dean Emery, Aruba
GROUND NUT—120,309 kilos, Binnendijk, Rotterdam
LUBRICATING, WHITE—35 dms, Black Condor, Antwerp
MINERAL—995.2 tons, Atlantic Refining Co, Winkler, London
175 csks, Atlantic Refining Co, West Cusseta, Havre
OLIVE—475 cs, Exhibitor, Leghorn
300 bbls, Laura C, Trieste
SHEANUT—275 bbls, Binnendijk, Rotterdam
PEATMOSS—400 bls, Kaufman Co, Black Condor, Rotterdam
800 bls, Bochum, Bremen
1,100 bls, Premier Peat Moss Corp, Scanpenn, Copenhagen
500 bls, Marine Midland Trust Co, Binnendijk, Rotterdam
PEPPER, BLACK—294 bgs, Chase National Bank, Kiyokawa Maru, Kobe
WHITE—129 bgs, Chase National Bank, Kiyokawa Maru, Kobe
PETROLEUM, CRUDE—65,000 bbls, Atlantic Refining Co, Herbert L Pratt, Tampico
96,403 bbls, Gulf Oil Corp, Gulfcrest, Las Piedras
92,333 bbls, Atlantic Refining Co, Permian, Las Piedras
POPPYSEED—25 bgs, Beemsterdijk, Rotterdam
RAPESEED—110 bgs, Beemsterdijk, Rotterdam
RICE STARCH POWD—25 bbls, H Kohnstamm & Co, Black Condor, Antwerp
SARDINE MEAL—2,000 bgs, Mitsubishi Shoji Kaisha, Kiyokawa, Kobe
SIENNA—5 cks, Exhibtor, Leghorn
SODA, CYANIDE—200 dms, National Carloading Co, Black Condor, Rotterdam
SILICOFLUORIDE—600 bgs, Harshaw Chemical Co, Scanpenn, Copenhagen
STARCH, POTATO—100 bgs, Binnendijk, Rotterdam
TANKAGE—1,000 bgs, National City Bank, West Imboden, Buenos Aires
1,016 bgs, West Imboden, Santos
TAPIOCA FLOUR—1,095 bgs, National City Bank, Tabian, Sourabaya
TIMBO POWDER—60 cs, Polycarp, Para
WAX, CARNAUBA—140 bgs, Philadelphia National Bank, Polycarp, Parnahyba
VEGETABLE—50 cs, Yokohama Specie Bank, Ltd, Kiyokawa, Kobe
WETTING AGENT—27 dms, Ciba Co, Binnendijk, Rotterdam
ZIKRONIUM NITRATE—1 cs, Liberty, Hamburg
ZIRCONIUM ORE—800 bgs, Fernbrook, Santos

Portland, Ore., Imports

COPRA—150 tons, Durkee Famous Foods, Hopecrest, Dumaguete
OIL, CODLIVER—20 dms, J B Imlay & Sons, Abraham Lincoln, Oslo
10 dms, Sunny Jim Thrift Stores, Abraham Lincoln, Oslo

San Francisco Imports

AMMONIA CARBONATE—20 dms, 5 cs, Braun-Knecht-Heimann Co, Pacific Enterprise, Glasgow
BLACK, BONE—10 cks, F P Dow Co, Seattle, Antwerp
CHEMICALS—3 cs, Jungman & Co, Seattle, Hamburg
454 sks, Seattle, Bremen
COCONUT, DESIC—150 cs, Durkee Famous Foods, Manoeran, Manila
100 cs, M S Cowen Co, Manoeran, Manila
425 cs, Dodwell & Co, Silvermaple, Manila
250 cs, S L Jones & Co, Silvermaple, Manila
COPRA—525 tons, J N Raymond, Manoeran, Legaspi (for Oakland)
DEODORANT TABLETS—1 cs, Hockwald Chemical Co, Rosebank, Vancouver
DISINFECTANT, HOUSEHOLD—2 cs, Hockwald Chemical Co, Rosebank, Vancouver
FILTER PULP—50 bls, Bauer Schweitzer Hop & Malt Co, Seattle, Bremen
GINGER ROOT—20 cs, Maliko, Hilo
20 cs, Maunawili, Hilo
GLASS, WINDOW—354 cs, Smith Glass Co, Seattle, Antwerp
GUM, COPAL—742 bskts, H M Newhall & Co, Manoeran, Macassar
173 bskts, D Hecht & Co, Manoeran, Macassar
529 bskts, Henry W Peabody & Co, Manoeran, Macassar
280 bskts, Hongkong & Shanghai Banking Corpn, Manoeran, Macassar
131 sks, Michael Fried, Silvermaple, Manila
DAMMAR—210 sks, Chase National Bank of N Y, Silvermaple, Singapore
INSECTICIDE—2 dms, Hockwald Chemical Co, Rosebank, Vancouver
IRON OXIDE—75 csks, Marshall Dill, Seattle, Bremen
KAVA KAVA—111 sks, Maliko, Hilo
LAUREL LEAVES—20 bls, Pacific Enterprise, Manchester
MOLASSES—600 tons, Makawao, Ahukini
505 tons, Mapele, Hilo
1,000 tons, Maliko, Honolulu
900 tons, Maunawili, Honolulu
27,211 gls, Makua, Hana
235 tons, Makua, Ahukini
NUTMEGS—63 sks, B C Ireland, Manoeran, Banda
48 cs, B C Ireland, Manoeran, Macassar
OIL, COCONUT, CRUDE—448 tons, Philippine Refining Corpn of N Y, Manoeran, Manila
CODLIVER, POULTRY—25 dms, Spratts Patent, Seattle, Hamburg
CREOSOTE—395 tons, Lawson Co, Tachibana, Wakamatsu (for Oakland)
PALM, REFD—100 cs, Royal Bank of Canada, Pacific Enterprise, Manchester
SPERM, CRUDE—25 dms, Bank of California, N A, Pacific Enterprise, Glasgow
PAPRIKA—125 sks, S H Tyler & Son, Seattle, Hamburg
50 sks, McClintock-Stern Co, Seattle, Hamburg
PARAFFIN—400 sks, Shell Oil Co, Manoeran, Balik-Papan
PEANUTS, SHELLED—140 sks, M S Cowen Co, Manoeran, Manila
PEATMOSS—50 bls, Seattle, Bremen
PETROLEUM, REFD—50 dms, Schou-Gallis & Co, Seattle, Bremen
POTASH CHLORATE—250 dms, Uniform Chemical Products, Seattle, Hamburg
SAGE, LEAVES—25 bls, Pacific Enterprise, Manchester
SOAP—70 cs, David B Berelson, Silvermaple, Manila
SOLVENT, DRAIN PIPE—12 cs, Hockwald Chemical Co, Rosebank, Vancouver
TALLOW—16 dms, Maliko, Kahului
TAPIOCA FLAKE—33 sks, American Trust Co, Manoeran, Sourabaya
FLOUR—493 sks, Manoeran, Cheribon
771 sks, American Trust Co, Manoeran, Sourabaya
519 sks, American Trust Co, Manoeran, Tjilatjap
55 sks, American Trust Co, Manoeran, Sourabaya (for Oakland)
136 sks, Hoyt, Shepston & Sciaroni, Silvermaple, Batavia
SEEDS—54 sks, Manoeran, Batavia
432 sks, American Trust Co, Manoeran, Sourabaya
PEARL—29 sks, Manoeran, Batavia
SIFTINGS—90 sks, Manoeran, Batavia
VETERINARY MEDICINE—2 cs, Robert Gisler, Seattle, Antwerp
WAX, FLOOR, LIQUID—1 dm, Hockwald Chemical Co, Rosebank, Vancouver

Savannah Imports

CHEMICALS—225 bgs, Schoharie, Bremen
LEATHER MEAL—1,000 bgs, Schoharie, Hamburg
SALTCAKE—5,987,388 kilos, Tropic Star, Tocopilla
SODA NITRATE—2,416,000 kilos, Tropic Star, Tocopilla
SILICOFLUORIDE—40 bbls, Schoharie, Hamburg
TAPIOCA FLOUR—250 bgs, Kota Inten, Batavia
250 bgs, Adrastus, Cheribon

Seattle Imports

BLEACHING POWDER—15 cs, Balfour, Guthrie & Co, Modavia, Liverpool
FLINT PEBBLES—400 sks, Erria, Copenhagen
OIL, CODLIVER—150 dms, International Shipping Co, Abraham Lincoln, Oslo
100 dms, Pacific Factors, Abraham Lincoln, Oslo
125 dms, International Shipping Co, Abraham Lincoln, Oslo (optional discharge Tacoma)
CODLIVER, MEDICINAL—30 dms, McKesson & Robbins, Abraham Lincoln, Oslo

Tacoma Imports

OIL, CODLIVER—25 dms, International Shipping Co, Abraham Lincoln, Oslo
25 dms, Kenworthy Grain & Milling Co, Abraham Lincoln, Oslo

Tampa Imports

MANURE, GOAT—2,000 tons, Korsfjord, Aruba
SOAP AND PERFUMERY—1 cs, Cuba, Havana

Exports from U.S. Ports

New York Exports

Clearance Dates

Amapala, August 26; American Farmer, August 26; American Importer, September 2; Ancon, August 23; Antigua, August 20; Aobasan, September 3; Batory, September 2; Birmania, August 30; Blankaholm, September 2; California, August 31; Cosmo, August 25; Collamer, August 30; Conte di Savoia, September 2; Dundrum Castle, August 27; Ensley City, August 20; Europa, August 30; Examiner, August 30; Excambion, August 30; Exminster, August 24; Fernlane, August 23; Fjordaas, September 1; Fort Townshend, August 26; Gerd, August 18; Golden Cloud, August 26; Gypsum Empress, September 2; Haughton Hall, August 23; International, September 2; Jaboatao, August 26; Laconia, August 26; Lauterfels, August 19; Lehigh, August 26; N Ejov, August 31; Nieuw Amsterdam, September 6; New Columbia, August 25; New York, August 24; Normandie, August 20; Oriente, August 26; Pastores, August 26; Porto Rico, August 27; Pennland, August 19; Quirigua, August 27; Roma, August 26; Rydboholm, August 26; Santa Inez, August 26; Santa Rosa, August 25; Scanyork, August 26; Siboney, August 25; Silverash, August 23; Statendam, August 30; Western World, August 26; Winkler, September 7

ACETOACETANILID—9,896 lbs, N Ejov, Leningrad
ACID, BENZOIC—149 lbs, Western World, Rio de Janeiro
HYDROCYANIC—2,330 lbs, Birmania, Trieste
MURIATIC—25,760 lbs, Pastores, Tela; 10,664 lbs, Amapala, Kingston
SULPHURIC—4,280 lbs, Amapala, Kingston
TANNIC—683 lbs, Rydboholm, Gothenburg
ALUMINA, OXIDE — 2,300 lbs, New York, Hamburg
SULPHATE—10,100 lbs, Porto Rico, Arecibo
ANTIMONY, REGULUS—(Aobasan) 46,256 lbs, Kobe; 48,000 lbs, Osaka-Kobe
ASPHALT—46,884 lbs, New York, Hamburg; 2,704 lbs, California, Glasgow
LIQUID—55,933 lbs, American Farmer, London; 4,680 lbs, Statendam, Rotterdam; 64,160 lbs, Examiner, Casablanca; (Scanyork) 55,968 lbs, Gothenburg; 44,202 lbs, Malmo; 61,099 lbs, Stockholm; 11,314 lbs, American Importer, Belfast; 19,556 lbs, California, Glasgow; 13,668 lbs, New Amsterdam, Rotterdam
SOLID—103,115 lbs, American Importer, Liverpool
BENZIN—(Lauterfels) 32,945 gls, Capetown-option; 1,500 gls, Beira
BLUE, ULTRAMARINE—2,392 lbs, Western World, Asuncion
CASCARA SAGRADA BARK—17,920 lbs, American Farmer, London
CHEMICALS—6,742 lbs, American Farmer, London; 12,926 lbs, Statendam, Rotterdam; 2,452 lbs, Scanyork, Stockholm; 9,204 lbs, American Importer, Liverpool
COALTAR INTERMEDIATES—18,815 lbs, Siboney, Vera Cruz; 1,206 lbs, Ensley City, Honolulu
COLOR, DRY—2,653 lbs, Lauterfels, Capetown
CORN FLOUR—1,915 lbs, Antigua, Porto Barrios
SYRUP—168 lbs, Antigua, Porto Barrios; 4,384 lbs, Golden Cloud, Honolulu; 13,003 lbs, Drottningholm, Gothenburg-Stockholm; 28,088 lbs, Blankaholm, Stockholm-Gothenburg; (Rydboholm) 12,914 lbs, Norrkoeping; 12,927 lbs, Stockholm-Gothenburg
DEXTRIN—20,480 lbs, American Farmer, London; 5,680 lbs, Statendam, Rotterdam-Amsterdam
DICHLORODIFLUOROMETHANE—12,839 lbs, American Farmer, London
DISINFECTANT, COALTAR—2,086 lbs, Antigua, Banes
DRUGS—2,347 lbs, Exminster, Piraeus
DYES—4,107 lbs, Western World, Buenos Aires; 3,415 lbs, Excambion, Alexandria
ANILIN—577 lbs, Scanyork, Gothenburg; 398 lbs, Drottningholm, Gothenburg
ETHYLENEGLYCOL MONOETHYLETHER—7,684 lbs, N Ejov, Leningrad
FERROVANADIUM — 11,007 lbs, Aobasan, Osaka-Kobe
FERTILIZER—6,000 lbs, Pastores, Porto Barrios; 56,500 lbs, Amapala, Kingston

FLOTATION REAGENT—1,155 gls, New York, Santander; 6,160 gls, Exminster, Salonica
GASOLINE—20,000 gls, Jaboatao, Santos
AVIATION—550,000 gls, Aobasan, Yokohama
GELATIN — 1,510 lbs, American Importer, Liverpool
GLAUBER'S SALT—5,650 lbs, Antigua, Banes
GLUCOSE, SOLID—1,504 lbs, Haughton Hall, Bombay; 4,060 lbs, Lauterfels, Capetown
GLYCERIN SUBSTITUTE—1,894 lbs, Fernlane, Lisbon
GREASE, LUBRICATING—(Fernlane) 4,692 lbs, Lisbon; 2,797 lbs, Leixoes; 6,967 lbs, Alexandria; 797 lbs, Haifa; 3,804 lbs, Beirut; 11,399 lbs, Piraeus; 86,185 lbs, American Farmer, London; 916 lbs, Collamer, Dunkirk; (Examiner) 6,236 lbs, Oran; 6,442 lbs, Algiers; 14,236 lbs, Scanyork, Copenhagen; (Haughton Hall) 6,230 lbs, Bombay; 27,714 lbs, Calcutta; (New York) 2,691 lbs, Hamburg; 6,306 lbs, Prague; 48,171 lbs, Laconia, Liverpool; 2,240 lbs, Antigua, Porto Barrios; 11,294 lbs, Gerd, Nuevitas; 187,122 lbs, Lehigh, Manchester; 34,700 lbs, Lauterfels, Durban; 25,435 lbs, Lourenco Marques; 44,872 lbs, Beira; (New Columbia) 453 lbs, Santa Isabel; 604 lbs, Dakar; 1,036 lbs, Port Bouet; 4,840 lbs, Takoradi; 642 lbs, Accra; 33,671 lbs, Birmania, Genoa; 6,446 lbs, American Importer, Liverpool; (Blankaholm) 4,952 lbs, Gothenburg; 1,680 lbs, Stockholm; 4,099 lbs, Europa, Bremen; 14,862 lbs, Dundrum Castle, Lourenco Marques; (Rydboholm) 11,985 lbs, Gothenburg; 5,226 lbs, Malmo; 883 lbs, Copenhagen; 2,814 lbs, California, Glasgow; 1,836 lbs, Excambion, Marseilles; (Exminster) 4,974 lbs, Piraeus; 26,436 lbs, Istanbul; 13,260 lbs, Aobasan, Yokohama
HEPTANE, NORMAL—2,366 lbs, N Ejov, Leningrad
INSECTICIDE—4,920 lbs, American Farmer, London; 3,210 lbs, Quirigua, Havana
AGRICULTURAL — 2,861 lbs, Scanyork, Rauma; 7,332 lbs, New Columbia, Teneriffe; 3,996 lbs, American Importer, Liverpool
IODINE, CRUDE — 1,670 lbs, American Farmer, London
ISO OCTANE—2,220 lbs, N Ejov, Leningrad
LACQUER—3,552 lbs, Fernlane, Lisbon
THINNER—660 gls, Fernlane, Lisbon; 13,860 gls, Western World, Buenos Aires
LARD—116,712 lbs, American Farmer, London; 24,600 lbs, New York, Hamburg; 41,400 lbs, Laconia, Liverpool; 28,000 lbs, Antigua, Banes; (Gerd) 9,691 lbs, Banes; 11,550 lbs, Caibarien; 66,770 lbs, Gibara; 76,650 lbs, Nuevitas; (Porto Rico) 8,200 lbs, San Juan; 14,002 lbs, Ponce; (Coamo) 11,750 lbs, Ciudad; 49,522 lbs, San Juan; 12,975 lbs, Pennland, Antwerp; 11,200 lbs, Lehigh, Manchester; 42,688 lbs, American Importer, Liverpool; 33,663 lbs, Aquitania, Southampton; 17,388 lbs, California, Glasgow; 135,200 lbs, Exminster, Malta
LEAD, ACETATE—972 lbs, Golden Cloud, Kauapall
LINSEED CAKE—680,960 lbs, Statendam, Rotterdam; 680,588 lbs, Pennland, Antwerp
MAGNESIA CHLORIDE—17,950 lbs, American Farmer, London
MINERAL SPTS—6,000 gls, Jaboatao, Santos
MOLYBDENUM CONCE—381,389 lbs, New York, Smyrna; 493,386 lbs, N Ejov, Leningrad
NAPHTHA—5,500 gls, Fernlane, Leixoes; (Jaboatao) 7,750 gls, Rio de Janeiro; 3,000 gls, Santos; (New Columbia) 15,000 gls, Sherbro; 7,500 gls, Monrovia; 4,000 gls, Port Bouet
OIL, CASTOR—561 lbs, Pastores, Porto Barrios; 1,043 lbs, Rydboholm, Malmo
CORN—(Lauterfels) 8,783 lbs, Capetown; 1,202 lbs, Port Elizabeth; 450 lbs, East London; 9,244 lbs, Durban; 6,502 lbs, Lourenco Marques; 902 lbs, Excambion, Alexandria
CYLINDER—123,480 gls, Winkler, Antwerp
DIESEL—8,250 gls, New Columbia, Accra
EDIBLE—12,393 lbs, Antigua, Porto Barrios
ESSENTIAL—2,400 lbs, New York, Hamburg
EUCALYPTUS—626 lbs, Western World, Rio de Janeiro
FUEL—5,500 gls, New Columbia, Apapa
GAS—(New Columbia) 1,100 gls, Takoradi; 2,200 gls, Saltpond; 2,750 gls, Apapa; 5,500 gls, Duala
LUBRICATING—6,400 tons, Fjordaas, London; (Fernlane) 8,693 gls, Lisbon; 5,500 gls, Alexandria; 530 gls, Jaffa; 1,025 gls, Haifa; 530 gls, Beirut; 9,350 gls, Piraeus; 12,375 gls, Istanbul; 11,930 gls, American Farmer, London; (Collamer) 13,860 gls, Havre; 2,030 gls, Dunkirk; (Statendam) 2,500 gls, Rotterdam; 7,825 gls, Amsterdam; (Examiner) 6,550 gls, Casablanca; 6,325 gls, Oran; 9,663 gls, Algiers; (Scanyork) 3,150 gls, Gothenburg; 3,260 gls, Copenhagen; 1,210 gls, Stockholm; 2,255 gls, Western World, Montevideo; (New York) 65,077 gls, Hamburg; 7,014 gls, Prague; 2,575 gls, Laconia, Liverpool; 4,400 gls, Antigua, Porto Barrios; 6,455 gls, Gerd, Nuevitas; (Jaboatao) 1,375 gls, Rio Janeiro; 21,625 gls, Santos; 2,750 gls, Rio Grande do Sul; 10,725 gls, Siboney, Vera Cruz; (Pennland) 1,000 gls, Zurich; 5,824 gls, Antwerp; 2,760 gls, Quirigua, Havana; (Santa Rosa) 1,430 gls, Maracaibo; 2,200 gls, Porto Cabello; 31,955 gls, De Grasse, Havre; 9,550 gls, Lehigh, Manchester; (Lauterfels) 2,575 gls, Capetown; 550 gls, Port Elizabeth; 19,315 gls, Durban; 22,615 gls, Lourenco Marques; (New Columbia) 2,750 gls, Santa Isabel; 2,175 gls, Rio Benito; 1,870 gls, Las Palmas; 2,150 gls, Bata; 760 gls, Dakar; 880 gls, Freetown; 5,500 gls, Port Bouet; 7,005 gls, Takoradi; 2,475 gls, Cape Coast; 550 gls, Saltpond; 275 gls, Accra; 1,100 gls, Lome; 5,500 gls, Cotonou; 8,965 gls, Apapa; 5,775 gls, Sapele; 1,350 gls, Port Harcourt; 3,300 gls, Calabar; 2,750 gls, Pastores, Tela; (Birmania) 47,887 gls, Genoa; 5,476 gls, Naples; 4,410 gls, Fiume; 1,100 gls, Trieste; 1,386 gls, Venice; 1,485 gls, Batory, Wiborg; (Drottningholm) 2,850 gls, Gothenburg; 1,650 gls, Norrkoeping; 1,650 gls, Stockholm; (American Importer) 24,420 gls, Liverpool; 3,300 gls, Manchester; (Blankaholm) 7,230 gls, Gothenburg; 1,650 gls, Malmo; 23,074 gls, Norrkoeping; 13,775 gls, Stockholm; 2,310 gls, Ancon, Acajutla; 1,155 gls, Fort Townshend, Halifax; (Santa Inez) 1,650 gls, Tocopilla; 3,300 gls, Antofagasta; (Dundrum Castle) 550 gls, East London; 1,375 gls, Durban; 2,475 gls, Lourenco Marques; (Rydboholm) 275 gls, Gothenburg; 3,850 gls, Malmo; 1,925 gls, Stockholm; 1,650 gls, Oslo; 9,056 gls, California, Glasgow; (Excambion) 2,730 gls, Marseilles; 2,640 gls, Nice; 2,975 gls, Philippeville; 1,705 gls, Bone; 3,025 gls, Alexandria; 1,045 gls, Beirut; 330 gls, Haifa; (Exminster) 773 tons, Vado; 2,750 gls, Piraeus; 1,100 gls, Istanbul; 1,980 gls, Bourgas; (Aobasan) 21,450 gls, Yokohama; 7,975 gls, Osaka-Kobe; 14,300 gls, Moji; 18,150 gls, New Amsterdam, Rotterdam
NEATSFOOT — 6,060 lbs, Excambion, Marseilles
OLEO — 33,153 lbs, Statendam, Rotterdam; 23,718 lbs, Laconia, Liverpool; 14,302 lbs, Pennland, Antwerp; 47,421 lbs, Drottningholm, Gothenburg-Stockholm; (Rydboholm) 23,716 lbs, Gothenburg; 16,547 lbs, Stockholm; 23,703 lbs, Helsingborg; 13,272 lbs, California, Glasgow
PALE—3,800 tons, Tjordaas, London; 184,645 gls, Winkler, Antwerp
OIL, PEPPERMINT—6,336 lbs, American Farmer, London; 651 lbs, Western World, Rio de Janeiro; 824 lbs, Normandie, Havre
PINE—6,177 lbs, New York, Santander
SULPHONATED — 1,215 lbs, Roma, Genoa; (American Importer) 24,916 lbs, Liverpool; 3,650 lbs, Manchester
TANNING—5,309 lbs, New York, Hamburg
VEGETABLE—4,947 lbs, Quirigua, Havana
PAINT—(Fernlane) 9,696 lbs, Lisbon; 8,357 lbs, Alexandria; 11,357 lbs, Statendam, Rotterdam; (Western World) 3,214 lbs, Santos; 58,476 lbs, Buenos Aires; 3,527 lbs, Porto Rico, San Juan; 7,660 lbs, Pennland, Antwerp; 1,130 lbs, Ensley City, Honolulu; 1,115 lbs, Quirigua, Limon; 13,560 lbs, Santa Rosa, Porto Colombia; 6,145 lbs, Rydboholm, Stockholm
LIQUID—5,235 lbs, Drottningholm, Stockholm
PREPARED—25,524 lbs, Pastores, Tela
THINNER—3,850 gls, Scanyork, Copenhagen
PARAFFIN — 2,224 lbs, Statendam, Amsterdam; 4,510 lbs, Scanyork, Gothenburg; (Haughton Hall) 6,446 lbs, Bombay; 67,890 lbs, Calcutta; 83,451 lbs, Laconia, Liverpool; 20,201 lbs, Antigua, Guatemala City; 113,085 lbs, Siboney, Vera Cruz; 149,614 lbs, Lehigh, Manchester; (Pastores) 10,101 lbs, Port Livingston; 20,201 lbs, Antigua; 20,201 lbs, Retalheu; (Birmania) 780,211 lbs, Genoa; 255,588 lbs, Leghorn; 135,375 lbs, Fiume; 5,545 lbs, Bourgas; 97,764 lbs, Bari; 249,137 lbs, Venice; 9,066 lbs, Drottningholm, Stockholm; 6,660 lbs, Conte di Savoia, Genoa; 68,061 lbs, American Importer, Manchester; (Santa Inez) 22,151 lbs, Pacasmayo; 108,480 lbs, Bupenaventura; 11,140 lbs, Salaverry; 15,150 lbs, Amapla; 11,457 lbs, Rydboholm, Gothenburg
SCALE—24,556 lbs, Scanyork, Copenhagen; 36,347 lbs, American Importer, Belfast; 8,636 lbs, New Amsterdam, Amsterdam
PASTE, FLOUR, DRY—43,880 lbs, Nieuw Amsterdam, Amsterdam
PETROLEUM, REFD—(New Columbia) 1,000 gls, Sherbro; 2,500 gls, Monrovia; 500 gls, Port Bouet; 2,500 gls, Takoradi
PHENOL—24,198 lbs, Aobasan, Yokohama
PYROCATCHINE CRYSTALS—11,059 lbs, N Ejov, Leningrad
RESIN, COALTAR—2,670 lbs, American Farmer, London; 11,759 lbs, N Ejov, Leningrad
SYNTHETIC—14,040 lbs, Statendam, Amsterdam; 1,445 lbs, American Importer, Liverpool
ROSIN—4,592 lbs, New York, Hamburg; 6,720 lbs, Rydboholm, Gothenburg
SOAP—8,359 lbs, Western World, Rio de Janeiro; 24,900 lbs, Porto Rico, Mayaguez; 59,925 lbs, Silverash, Manila; 26,500 lbs, Borinquen, San Juan
FLAKE—4,500 lbs, Golden Cloud, Hilo
LAUNDRY—11,500 lbs, Borinquen, San Juan
POWDER—(Ensley City) 5,304 lbs, Kahului; 2,652 lbs, Port Allen; (Golden Cloud) 5,610 lbs, Honolulu; 21,600 lbs, Hilo
TOILET—33,932 lbs, Statendam, Amsterdam; 44,464 lbs, Silverash, Manila
SODA, ASH—6,465 lbs, Coamo, Ciudad; 3,384 lbs, Laconia, Liverpool; 2,618 lbs, Pennland, Antwerp; 143,246 lbs, Santa Rosa, La Guaira
BICARBONATE—630,114 lbs, Siboney, Vera Cruz; 3,345 lbs, Ensley City, Honolulu
CAUSTIC — (Haughton Hall) 159,620 lbs, Calcutta; 107,525 lbs, Karachi; 62,640 lbs, Golden Cloud, Hilo
CYANIDE—(Santa Inex) 67,815 lbs, Salaverry; 12,010 lbs, Callao
HYPOSULPHITE—2,238 lbs, Ancon, Port Prince
METASILICATE—(Blankaholm) 21,204 lbs, Stockholm; 3,720 lbs, Gothenburg
ORTHOSILICATE—10,626 lbs, Blankaholm, Stockholm
PHOSPHATE — 42,895 lbs, Lehigh, Manchester
PHOSPHATE, TRI—6,000 lbs, Quirigua, Havana
SOYBEAN FLOUR—6,313 lbs, Rydboholm, Gothenburg
STARCH—2,424 lbs, American Farmer, London; 1,420 lbs, Haughton Hall, Alexandria; 3,876 lbs, Nieuw Amsterdam, Rotterdam
CORN—56,400 lbs, Haughton Hall, Calcutta; 743 lbs, Antigua, Porto Barrios; 3,300 lbs, Gerd, Caibarien; 9,588 lbs, Ensley City, Honolulu; 142 lbs, Pastores, Porto Barrios; 2,000 lbs, Amapala, Santiago; 11,100 lbs, Rydboholm, Oslo; 141,000 lbs, Excambion, Alexandria; 5,555 lbs, Nieuw Amsterdam, Rotterdam-Amsterdam
SUPERPHOSPHATE — 29,000 lbs, American Farmer, London; 237 tons, International, Chambly
TALC—67,200 lbs, Laconia, Liverpool
TANNING EXTRACT—(Lauterfels) 7,177 lbs, Capetown; 9,334 lbs, Port Elizabeth
TRIETHANOLAMINE — 2,815 lbs, Collamer, Havre; 1,072 lbs, Scanyork, Copenhagen
TURPENTINE—1,000 gls, Jaboatao, Rio de Janeiro; (Lauterfels) 1,500 gls, Capetown; 5,000 gls, Durban
VARNISH—1,006 lbs, Fernlane, Alexandria; 2,440 lbs, American Farmer, London; 3,645 lbs, Western World, Buenos Aires
WITCH HAZEL EXTRACT—6,703 lbs, Western World, Rio de Janeiro; 885 lbs, Borinquen, San Juan
ZINC OXIDE—3,920 lbs, Western World, Buenos Aires; 4,226 lbs, Silverash, Manila

Baltimore Exports

Clearance Dates

Alegrete, September 3; Artigas, September 2; Astri, September 8; Hjelmaren, September 2; San Marcos, September 3; Steel Mariner, September 3

ACID, CHROMIC — 4,400 lbs, Hjelmaren, Gothenburg; 11,200 lbs, Artigas, Manchester
ASPHALT—50,622 lbs, Astri, Buenos Aires
SOLID—113,774 lbs, Artigas, Liverpool
CEMENT, RUBBER—52 gls, San Marcos, Panama
FERROMANGANESE—11 tons, San Marcos, Chile
FIRECLAY—5 bgs, Steel Mariner, Saudi, Arabia
GREASE, LUBRIC—90 lbs, Hjelmaren, Gothenburg; 14,302 lbs, San Marcos, Chile
INSECTICIDE—140 lbs, San Marcos, Ecuador
IRON SAND—44,000 lbs, Astri, Buenos Aires
OIL, LUBRIC—3,246 gls, Hjelmaren, Gothenburg
MINERAL—3,240 gls, Artigas, Liverpool
PAINT, TRAFFIC—5 gls, Hjelmaren, Stockholm
PORCELAIN ENAMEL FRIT—(Hjelmaren) 5,900 lbs, Stockholm; 1,530 lbs, Oslo
SODA BICHROMATE—22,400 lbs, San Marcos, Chile; 11,023 lbs, Astri, Buenos Aires
CAUSTIC—560,000 lbs, Alegrete, Santos
SUPERPHOSPHATE—545 lbs, Steel Mariner, Alexandria

Beaumont Exports

Clearance Date

Petter II, August 31

PETROLEUM, CRUDE—78,000 bbls, Petter II, Naples

Boston Exports

Clearance Dates

Atenas, September 6; Franconia, September 5; Saint John, September 3; 7; 9; Vulcania, September 8; Yarmouth, 4; 8

ALUMINA, SULPHATE—115 bgs, 20,125 lbs, Atenas, Havana
BLACK, LAMP—4 bxs, 160 lbs, Franconia, Karachi; 3 bxs, 180 lbs, Yarmouth, St John, N B
BLUE, LAUNDRY—1 cs, 100 lbs, Saint John, Halifax, N S
CEMENT, CAN—17 dms, 7,972 lbs, Franconia, Cape Town
RUBBER—12 cs, 11 dms, 233 gls, Atenas, Panama
SHOE—15 dms, 2 cs, 147 gls, Atenas, Havana
CLAY—31 bbls, 13,227 lbs, Vulcania, Naples
CLEANER—25 cs, 300 lbs, Saint John, Halifax, N S
DEXTRIN—14 bgs, 2,100 lbs, St John, Halifax
DRESSING, BELT—1 cs, 312 lbs, Franconia, Cochin
SHOE—2 cs, 86 lbs, Franconia, Capetown; 6 bbls, 1 kg, 52 cs, 577 gls, Atenas, Havana
FERTILIZER, LEATHER SCRAP — 30 bls, 22,000 lbs, Franconia, Madras
FLUX—5 dms, 675 lbs, Franconia, Capetown
GLUE—1 hlf bbl, 388 lbs, St John, Halifax; 8 cs, 48 gls, Atenas, Cristobal
GREASE, LUBRICATING — 2 bbls, 941 lbs, Franconia, Liverpool
INFANT'S FOOD—1 cs, 26 lbs, Vulcania, Gibraltar
INSECTICIDE—2 dms, 110 gls, Atenas, Port Limon
LARD—350 bxs, 9,800 lbs, Franconia, Liverpool
OIL, LUBRICATING—5 cs, 95 gls, Franconia, Liverpool
PAINT—(Atenas) 5 bbls, 1 bx, 265 gls, Santa Clara; 8 cs, 25 crtns, 158 gls, Havana
COPPER—10 cs, 100 gls, Atenas, Colon
POLISH, SHOE—15 cs, 150 gls, Franconia, Leicester; 2 cs, 113 lbs, Atenas, Panama
STOVE—50 cs, 1,803 lbs, Yarmouth, St John, N B
SODA, SULPHATE—50 bbls, 15,000 lbs, Atenas, Havana
STEARIN—20 bxs, 1,120 lbs, St John, Halifax
WAX, SHOE—33 cs, Atenas, Havana

Corpus Christi Exports

Clearance Dates

Merope, August 30; Peik, August 31; Petrofina, August 22

OIL, GAS—64,143 bbls, Peik, Lands End
PETROLEUM, CRUDE—113,972 bbls, Petrofina, Dunkirk; 74,762 bbls, Merope, Berre

Galveston Exports

Clearance Dates

Golden Cloud, September 6; Kexholm, August 31; Kimikawa, September 2; Pecten, August 31; Stella Lykes, September 1; Vito, September 3

BENZIN—1 ton, Stella Lykes, Cristobal
BLACK, CARBON—(Kimikawa) 1,476 bgs, Yokohama; 120 cs, Kobe; 10 tons, Vito, Kobe
BONES—18 tons, Vito, Osaka
BLENDING FLUID—4 bxs, Stella Lykes, Buenaventura
GASOLINE—20 tons, Stella Lykes, Amapala
OIL, GAS—6,000 tons, Pecten, Bremen
LUBRICATING—45 tons, Stella Lykes, Callao
SULPHUR—10 tons, Kexholm, Oslo
CRUDE—14,934 bgs, Golden Cloud, Honolulu

Hopewell Exports

Clearance Date

Utsire, September 4

SODA NITRATE—82,500 bgs, 5,349 tons, Utsire, Alexandria

Houston Exports

Clearance Dates

Colorado Springs, August 31; Cordelia, August 31; Eleonora Maersk, September 2; Gulfbelle, September 2; Ida Knudsen, September 3; Kexholm, September 2; Kimikawa, September 1; Montello, September 1; Pecten, September 2; Slemdal, September 2; Spencer Kellogg, September 2; Vendemiare, September 6; Vito, September 1

BLACK, CARBON—2,800 bgs, 195 cs, Colorado Springs, Manchester; (Montello) 500 bgs, Algiers; 1,000 bgs, 125 cs, Genoa; 30 tons, Kimikawa, Yokohama; (Vito) 50 tons, Yokohama; 130 tons, Kobe; (Kexholm) 401 cs, Gothenburg; 5 cs, Copenhagen
GASOLINE—15,000 bbls, Cordelia, Montreal; 25,600 bbls, Gulfbelle, Montreal
STABILIZED—550 tons, Vendemaire, Gothenburg
LUBRICANTS—(Kexholm) 30 pkgs, Gothenburg; 227 pkgs, Copenhagen;
OIL, FUEL—49,000 bbls, Spencer Kellogg, Havana
FURNACE—50,400 bbls, Gulfbelle, Montreal
GAS—10,300 tons, Slemdal, Aruba; 3,600 tons, Pecten, Germany
LUBRICATING—500 tons, Montello, Genoa
PETROLEUM, CRUDE—74,000 bbls, Cordelia, Montreal; 15,300 tons, Eleonora Maersk, Havre; 14,000 tons, Ida Knudsen, Italy; 12,500 tons, Vendemiare, Havre
SOAPSTOCK—140 bbls, Colorado Springs, Liverpool

Lake Charles Exports

Clearance Date

Conch, September 4

PETROLEUM, CRUDE—90,982 bbls, Conch, Montreal

Los Angeles Exports

Clearance Dates

Albertolite, August 29; Argyll, August 27; Aurora, August 25; Capella, August 21; Captain A F Lucas, August 27; Cellina, August 29; City of Los Angeles, August 28; Clydebank, August 29; Coya, August 26; District of Columbia, August 31; Erria, August 19; Hindanger, August 26; Hokkai, August 23; Hoya, August 28; Kinai, August 26; Knute Nelson, August 22; Nebraska, August 29; Norfolk, August 24; Oakland, August 25; Pacific Enterprise, August 29; Pacific President, August 19; Rosebank, August 25; San Antonio, August 27; Tatuta, August 29; Tweedbank, August 26; Warwick, August 30

ACETONE — 224 dms, 80,200 lbs, Nebraska, Amsterdam
ACID, BORIC—30 cks, 6,720 lbs, Knute Nelson, London; 60 bgs, 6,720 lbs, Clydebank, Sydney; 3 bgs, 340 lbs, Clydebank, Lyttleton
CITRIC—1,100 lbs, City of Los Angeles, Havana
ALCOHOL, ANHYD—196 dms, 66,420 lbs, Pacific President, London
BUTYL—12 dms, 4,190 lbs, Pacific President, London
ASPHALT, GILSONITE—1 bg, 200 lbs, Pacific President, London
BORATE—6,700 bgs, 884,870 lbs, Kinai, Hamburg; 13,195 sx, 2,216,800 lbs, Oakland, Hamburg; (Knute Nelson) 30 cks, 6,720 lbs, London; 5,313 bgs, 908,150 lbs, Liverpool
BORAX—(Pacific President) 1,600 bgs, 180,800 lbs, London; 2,000 bgs, 224,000 lbs, Liverpool; (San Antonio) 3,760 bgs, 419,810 lbs, Antwerp; 198 bgs, 22,040 lbs, Oporto; 60 bgs, 6,720 lbs, Coya, Manzanillo; (Clydebank) 20 bgs, 2,240 lbs, New Plymouth; 320 bgs, 35,840 lbs, Melbourne; 300 bgs, 33,600 lbs, Sydney; 120 cs, 26,460 lbs, Tatuta, Osaka; (Clydebank) 88 bgs, 9,860 lbs, Lyttleton; 100 bgs, 11,200 lbs, Auckland; 60 bgs, 6,720 lbs, Wellington; 705 bgs, 77,250 lbs, Nebraska, Rotterdam
BUTYL ACETATE—29 dms, 11,430 lbs, Clydebank, Melbourne; 28 dms, 11,030 lbs, Nebraska, Amsterdam
CALCIUM ARSENATE—60 dms, 9,900 lbs, Coya, La Libertad
CHEMICALS—510 lbs, Coya, Manzanillo
CINNAMON—38 bls, 3,800 lbs, Coya, La Libertad
CLAY—80 sx, 4,480 lbs, City of Los Angeles, Havana; 8 bgs, 2,200 lbs, Coya, Manzanillo
GROUND—203 bgs, 20,160 lbs, San Antonio, Maracaibo
CLEANER — 30 cs, 1,700 lbs, Tweedbank, Shanghai; 75 bxs, 3,940 lbs, City of Los Angeles, Cristobal
COLOR, DRY—1,040 lbs, Clydebank, Melbourne
CORN SYRUP—100 bbls, 73,450 lbs, Clydebank, Dunedin
COTTONSEED CAKE — 200 bgs, 20,000 lbs, Tweedbank, Manila; 2,240,000 lbs, Erria, Copenhagen
ETHYL KETONE — (San Antonio) 60 dms, 21,960 lbs, Havre; 60 dms, 21,960 lbs, Antwerp; 60 dms, 21,960 lbs, Clydebank, Wellington; 60 dms, 21,960 lbs, Nebraska, Amsterdam
GASOLINE—(District of Columbia) 40,480 bbls, 10,565,280 lbs, Avonmouth; 40,378 bbls, 10,538,660 lbs, Bowling; 150 dms, 49,330 lbs, Coya, Amapala; 81,525 bbls, 21,278,030 lbs, Aurora, Nagarevo; 400 cs, 32,000 lbs, Argyll, Santa Rosalia; 300 cs, 24,000 lbs, Clydebank, Papeete
GREASE—2 dms, 820 lbs, Coya, Amapala
CUP—200 ctns, 5,580 lbs, City of Los Angeles, Balboa
GYPSUM—3,584 sks, 358,400 lbs, Clydebank, Auckland
HERBS, DRY—1,560 lbs, Pacific President, London
INFUSORIAL EARTH—(Pacific President) 306 bgs, 28,050 lbs, London; 164 bgs, 16,650 lbs, Suez; 110 bgs, 11,000 lbs, San Antonio, Bordeaux; (Hindanger) 51 bgs, 5,080 lbs, Antwerp; 22 bgs, 2,200 lbs, Rotterdam; 141 bgs, 11,590 lbs, Zurich; (Knute Nelson) 486 bgs, 44,710 lbs, Liverpool; 66 bgs, 6,600 lbs, Oslo; 44 bgs, 4,400 lbs, Bergen; (Clydebank) 18 bgs, 1,660 lbs, Wellington; 560 bgs, 56,000 lbs, Melbourne; 418 bgs, 41,800 lbs, Sydney; 20 bgs, 2,000 lbs, Lyttelton; 712 bgs, 71,200 lbs, Auckland; 20 bgs, 2,000 lbs, Pacific Enterprise, Vancouver; 45 bgs, 4,570 lbs, Nebraska, Liverpool
KEROSENE—12,198 bbls, 3,476,430 lbs, Warwick, Ioco; (Clydebank) 50 cs, 4,250 lbs, Papeete; 50 dms, 250 cs, 39,210 lbs, Auckland; 100 cs, 145 dms, 49,830 lbs, Wellington
LACQUER, NITROCELLULOSE — 400 lbs, Rosebank, Vancouver; 860 lbs, Coya, Santiago
THINNER—1,760 lbs, Tweedbank, Manila; 1,760 lbs, Coya, Santiago
MEDICINAL PREPS—10 bxs, 460 lbs, Hindanger, Brussels
MOTOR SPTS—30 dms, 9,660 lbs, Clydebank, Wellington
OIL, AVACADO—(San Antonio) 180 lbs, Havre; 180 lbs, Chiasso
COTTONSEED—16 dms, 6,160 lbs, Norfolk, Yokohama
DIESEL—6,490 bbls, 2,024,880 lbs, Clydebank, Auckland; 2,224 bbls, 693,890 lbs, Tatuta, Kobe
FLOTATION—5 dms, 2,190 lbs, Rosebank, Allenby
FUEL—(Capella) 40,013 bbls, 13,324,330 lbs, Tocopilla; 46,015 bbls, 15,322,990 lbs, Chanaral; 33,510 bbls, 11,158,830 lbs, Captain A F Lucas, Guaymas; 23,920 bbls, 7,965,360 lbs, Argyll, Santa Rosalia
GRAPEFRUIT—150 lbs, Pacific President, London
LUBRICATING—31 dms, 15,130 lbs, Coya, Amapala; (Clydebank) 4 dms, 1,940 lbs, Melbourne; 20 cs, 2,000 lbs, Lyttelton
ORANGE — 1,550 lbs, Pacific President, Liverpool; 1,540 lbs, Nebraska, London
PAINT—(Tweedbank) 290 lbs, Manila; 4,400 lbs, Shanghai; 700 lbs, Coya, Santiago
ENAMEL—680 lbs, Tweedbank, Shanghai
MATERIAL—13 dms, 4,800 lbs, Clydebank, Melbourne
THINNER—150 lbs, Tweedbank, Manila
PARAFFIN—120 lbs, Coya, Manzanillo
PECTIN, CITROUS—5 kegs, 500 lbs, Cellina, Marseilles; 10 pkgs, 1,500 lbs, Hindanger, Rotterdam; 5 kegs, 500 lbs, Nebraska, Bridgetown
PETROLEUM, CRUDE—65,265 bbls, 20,362,680 lbs, Albertolite, Vancouver
GAS, LIQ—34 cyls, 6,930 lbs, Clydebank, Auckland; (San Antonio) 6 cyls, 1,260 lbs, Buenaventura; 28 cyls, 3,240 lbs, Antwerp
ROSIN, WOOD—(Clydebank) 10 bbls, 4,800 lbs, Dunedin; 35 bbls, 17,150 lbs, Wellington
SHELLAC—260 lbs, Coya, Amapala
SODA ASH—1,798 bgs, 260,180 lbs, Rosebank, Vancouver; 270 bgs, 54,490 lbs, Coya, Mazatlan
SULPHITE—3 bbls, 300 lbs, Coya, Amapala
STAIN—750 lbs, Coya, Amapala
TALC—5 bgs, 1,120 lbs, Coya, Manzanillo
TOILET PREPS — 1,690 lbs, Tweedbank, Manila; 120 lbs, Cellina, Alexandria; 240 lbs, Coya, San Salvador; 290 lbs, San Antonio, Medellin
TURPENTINE—(Clydebank) 70 pkgs, 12,480 lbs, Dunedin; 12 pkgs, 1,630 lbs, Lyttelton; 70 cs, 5,380 lbs, Wellington
GUM—(Clydebank) 20 cs, 1,690 lbs, Dunedin; 5 dms, 2,420 lbs, Wellington

Mobile Exports

Clearance Dates

Corisco, September 2; Nordvangen, August 31; Vestvangen, September 1

BARYTES—9,000 bgs, Nordvangen, Port of Spain
DYE, CONCENTRATED—1 bx, Nordvangen, Paramaribo
NITRATE—112 bgs, Nordvangen, Kingston
PINETAR—5 dms, Nordvangen, Georgetown
ROSIN—80 dms, 20 bbls, Nordvangen, Kingston; 25 dms, Vestvangen, Puerto Cabello; 100 dms, Corisco, Havana
TURPENTINE—5 dms, Corisco, Havana

New Orleans Exports

Clearance Dates

Davisian, August 25; Dessau, August 2; Istria, August 25; Kimikawa, August 29; Lysefjord, August 5; Montello, August 27; Santa Marta, August 2; Teviotbank, August 6; Ulua, August 6; Vermont, August 5; Vigilant, August 26; Vito, August 24; Volunteer, August 23

ASPHALT—119 dms, Volunteer, Hamburg; 45 tons, Vermont, Havre; 30 bbls, Istria, Marseilles
BAKING POWDER—200 ctns, Santa Marta, Tela
BARYTES—2 tons, Ulua, Havana
BENZOL—(Dessau) 12 tons, Auckland; 12 tons, Wellington; 4 tons, Lyttleton; 5 tons, Dunedin
BLACK, CARBON—1,176 sx, Vito, Kobe; 8 tons, Vermont, Havre; (Teviotbank) 31 tons, Sydney; 31 tons, Melbourne; 25 cs, Kimikawa, Kobe; 2 tons, Dessau, Lyttleton
CLAY, GRD—(Teviotbank) 7 tons, Sydney; 19 tons, Adelaide
CORN SYRUP—17 bbls, Volunteer, Hamburg
COTTONSEED PITCH—12 tons, Davisian, Liverpool
PULP—240 tons, Davisian, Manchester
FIRECLAY—80 dms, Vito, Yokohama; 2 tons, Teviotbank, Sydney; 80 dms, Kimikawa, Yokohama; 78 tons, Ulua, Corinto
GASOLINE—165 dms, 500 cs, Lysefjord, Livingston
GLUCOSE—(Dessau) 2 tons, Wellington; 7 tons, Lyttleton
GREASE, LUBRICATING—84 bbls, Vigilant, Gdynia; (Ulua) 10 dms, Panama City; 20 qtr dms, 5 cs, Mollendo
KEROSENE—5 dms, 520 cs, Lysefjord, Livingston; 450 cs, Ulua, Puerto Limon
LARD—130 tins, 21 crts, Santa Marta, Belize; (Lysefjord) 363 dms, Santiago; 50 crts, Belize; (Ulua) 375 dms, 350 tins, Havana; 1,200 tins, Puerto Limon
NICOTINE, SULPHATE—37 dms, Kimikawa, Yokohama
OCHER—1 ton, Ulua, Panama
OIL, LUBRICATING—1,003 dms, Vito, Yokohama; (Vermont) 33 tons, Havre; 25 tons, Dunkirk; 4 tons, Antwerp; 50 bbls, Montello, Algiers; (Teviotbank) 15 tons, Sydney; 7 tons, Melbourne; 2 tons, Adelaide; (Istria) 507 bbls, Marseilles; 236 dms, Casa Blanca; (Dessau) 23 tons, Auckland; 73 tons, Wellington; 8 tons, Lyttleton; 7 tons, Dunedin; 26 tons, Davisian, Liverpool; 7 dms, 20 cs, Lysefjord, Belize; (Ulua) 5 crts, Panama City; 4 dms, 30 cs, Mollendo
PINE—2 tons, Teviotbank, Melbourne; 2 dms, Istria, Casa Blanca; 100 cs, Ulua, Puerto Bolivar
PARAFFIN—10 tons, Teviotbank, Sydney
PETROLEUM, CRUDE—1,077 tons, Kimikawa, Tokuyama
PINETAR—6 tons, Teviotbank, Melbourne
ROSIN—(Teviotbank) 5 tons, Sydney; 44 tons, Melbourne; (Dessau) 27 tons, Auckland; 19 tons, Wellington; 24 tons, Dunedin; 2 bbls, Santa Marta, Belize
SALT—4 tons, Teviotbank, Adelaide; 8 tons, Santa Marta, Tela; 25 tons, Lysefjord, Belize; 30 tons, Ulua, Havana
TABLE—17 tons, Teviotbank, Sydney
SHRIMP BRAN—80 sx, Ulua, Panama
SOAP—14 dms, Ulua, Havana
STARCH, CORN—582 tons, Davisian, Manchester
TRIPOLI—50 sx, Volunteer, Hamburg; 5 tons, Teviotbank, Sydney; 90 tons, Davisian, Manchester
TURPENTINE—(Teviotbank) 2 tons, Brisbane; 1 ton, Sydney; 7 tons, Melbourne; (Dessau) 5 tons, Auckland; 3 tons, Wellington

Newport News Exports

Clearance Dates

Manchester Brigade, September 1; Silverash, August 25

SODA, CAUSTIC—1,186 dms, 806,480 lbs, Silverash, Shanghai
STARCH, CORN—4,000 bgs, 564,000 lbs, Manchester Brigade, Manchester

Norfolk Exports

Clearance Dates

Brand, September 4; Hjelmaren, August 31; Malancha, August 27; Manchester Brigade, September 1; Titanian, August 30

AMMONIA SULPHATE—15,238 bgs, 1,500 tons, Titanian, Santander; 15,238 bgs, 1,500 tons, Pasajes, Spain
CLAY—1,344 bgs, 62,058 lbs, Manchester Brigade, Manchester
DEXTRIN, CORN—440 bgs, 62,260 lbs, Manchester Brigade, Manchester
DRUGS—8 pkgs, 715 lbs, Manchester Brigade, Manchester
LINSEED MEAL—500 bgs, 62,500 lbs, Brand, Bridgetown
METHYLENE CHLORIDE—20 dms, 12,553 lbs, Malancha, London
POTASH MURIATE—11,000 bgs, 1,000 tons, Hjelmaren, Stockholm
SODA NITRATE—50 bgs, 10,075 lbs, Brand, Bridgetown
SOLVENT, PAINT—12,392 lbs, Malancha, London
SOYBEAN MEAL—355 bgs, 35,500 lbs, Brand, Bridgetown
TANNING EXT—60 bgs, 6,000 lbs, Malancha, London; 920 bbls, 545,296 lbs, Manchester Brigade, Liverpool

Philadelphia Exports

Clearance Dates

Alegrete, September 6; Cingalese Prince, September 7; City of Flint, September 3; Nagara, September 8; Pipestone County, September 6; Steel Navigator, September 1; Sturmfels, September 7; Vingaren, September 7; Ward, September 3; Wasgenwald, September 7

ACID, SULPHURIC—6 pkgs, Cingalese Prince, Manila
ALCOHOL, BUTYL—(Ward) 30 dms, Sydney; 9 dms, Melbourne; 66 dms, Sturmfels, Durban
ALUMINA SULPHATE—300 bbls, Steel Navigator, Manila; 4,000 pkgs, Cingalese Prince, Cebu
ANTI-KNOCK COMP—(Ward) 24 dms, Brisbane; 65 dms, Sydney; 65 dms, Melbourne; 22 dms, Pipestone County, Bordeaux
BLACK, BONE—40 bgs, Ward, Sydney
BUTYL ACETATE—(Ward) 99 dms, Sydney; 99 dms, Melbourne
CEMENT, GASKET—21 ctns, Steel Navigator, Manila
COCOA BUTTER—20 cs, Nagara Maru, Kobe
CYANIDE, CRUDE—1 dm, Ward, Sydney
DENTAL COMP—4 crts, 3 bxs, Ward, Melbourne
DICHLORODIFLUORMETHANE — 12 cyls, Pipestone County, Paris
ETHYL ACETATE—(Ward) 11 dms, Sydney; 34 dms, Melbourne
FLUID—(Ward) 110 dms, Brisbane; 5 dms, Sydney; (Pipestone County) 46 dms, Havre; 21 dms, Gravenchow; 500 pkgs, Wasgenwald, Hamburg
GASOLINE—250 cs, Alegrete, Santos
GREASE, LUBRICATING—15 dms, Steel Navigator, Manila; 51 dms, Ward, Melbourne; (Alegrete) 5 cs, 10 bskts, Rio de Janeiro; 10 dms, Santos; (Vingaren) 10 dms, Stockholm; 1 bbl, Gothenburg
INK, PRINTING—3 dms, Steel Navigator, Manila
INSECTICIDE—(Steel Navigator) 12 ctns, Manila; 2 cs, Hongkong
KEROSENE—250 cs, Alegrete, Santos
LICORICE PASTE—10 cs, Ward, Melbourne; 21 cs, Sturmfels, Rustenburg
POWDER—1 dm, Ward, Melbourne
MEDICINAL PREPS—50 bxs, Steel Navigator, Manila
OIL, LUBRICATING — (Steel Navigator) 321 dms, Manila; 195 ctns, 350,175 cs, Saigon; (City of Flint) 529 bbls, Hamburg; 70 dms, London; (Ward) 16 dms, Sydney; 70 pkgs, 300 pls, 6,643 dms, Melbourne; 215 pkgs, Adelaide; 55 dms, 50 pkgs, Sydney; (Alegrete) 470 cs, 588 dms, Rio de Janeiro; 421 cs, 220 dms, Santos; 5 dms, Victoria; (Vingaren) 5 ctns, 23 dms, 1 bx, Stockholm; 24 dms, 40 cs, Helsingfors; 55 dms, 5 bbls, Mantyluoto; 52 bbls, Oslo; (Pipestone County) 445 bbls, Havre; 580 bbls, Bordeaux; 900 bbls, St Nazaire; (Cingalese Prince) 95 pkgs, Manila; 555 pkgs, Cebu; 229 pkgs, Wasgenwald, Hamburg; (Nagara) 108 dms, Yokohama; 8 dms, Kobe; 8 dms, Moji; (Sturmfels) 2,385 pkgs, Durban; 680 dms, 565 cs, Port Elizabeth; 735 dms, 640 cs, East London; 525 dms, 360 cs, Capetown; 7,560 pkgs, Lourenco Marques; 1,450 pkgs, Beira
PAINT—3 ctns, Steel Navigator, Manila
AUTO—10 ctns, Vingaren, Stockholm
PARAFFIN—153 bgs, Steel Navigator, Hongkong; 306 bgs, City of Flint, Hamburg; (Alegrete) 41 bbls, 40 cs, Rio de Janeiro; 55 bbls, 50 ctns, Santos; (Vingaren) 84 bbls, Stugsund; 42 bbls, Oslo; 364 pkgs, Wasgenwald, Hamburg
REFINED—50 bgs, Alegrete, Santos; 15 bgs, Vingaren, Oslo; 204 bgs, Nagara, Tientsin
PETROLATUM—(Ward) 5 dms, Brisbane; 55 dms, 5 bbls, Sydney; 10 dms, Adelaide
PLASTIC—350 dms, Ward, Sydney; 12 dms, Vingaren, Stockholm
POLISH—20 cs, Vingaren, Stockholm
CHROMIUM—1 ctn, Steel Navigator, Manila
FURNITURE—2 ctns, Steel Navigator, Manila
PUTTY, AUTO TOP—6 ctns, Steel Navigator, Manila
RUBBING COMP—2 ctns, 20 cs, Vingaren, Stockholm
SOAP—7 ctns, Vingaren, Stockholm
SODA, ASH—2 dms, Ward, Sydney
SOLDER, RADIATOR—8 ctns, Steel Navigator, Manila
TANNING MATERIAL—10 bbls, Ward, Sydney
TETRAETHYL LEAD—(Ward) 3 dms, Sydney; 5 dms, Melbourne; 2 dms, Adelaide
TIRE COATING COMP, WHITE—6 ctns, Steel Navigator, Manila; 5 ctns, Vingaren, Stockholm
VALVE GRINDING COMP—3 ctns, Steel Navigator, Manila
WAX, FLOOR—1 ctn, Steel Navigator, Manila

Port Arthur Exports

Clearance Dates

Bramora, September 4; Europe, September 2; Fagerfjell, September 5; Garonne, Septem 4; Ranja, August 31; Skramstad, August 31; Teddy, September 6; Venetia, August 31; Vito, August 30

BLENDING FLUID—19 bbls, Ranja, Coruna; 19 bbls, Garonne, Santander
GASOLINE—76,991 bbls, Ranja, Coruna; 65,037 bbls, Venetia, Ertvelde; (Europe) 18,236 bbls, Amsterdam; 45,244 bbls, Dublin; (Bramora) 53,290 bbls, London; 9,387 bbls, Antwerp; 86,715 bbls, Garonne, Santander
GREASE, LUBRICATING — (Skramstad) 825 dms, 5,452 cs, Dairen; 1,260 dms, 25 cs, Takubar; (Europe) 1 cs, Amsterdam; 80 bbls, Dublin
KEROSENE—(Europe) 28,287 bbls, Amsterdam; 1,581 bbls, Dublin
OIL, CYLINDER—(Skramstad) 4,500 dms, Dairen; 3,500 dms, Takubar
DIESEL—(Europe) 2,238 bbls, Amsterdam; 4,453 bbls, Dublin
FUEL—48,788 bbls, Teddy, Flushing
LUBRICATING—(Vito) 2,750 dms, Kobe; 250 dms, Yokohama; 30 bbls, Europe, Dublin
PETROLEUM, CRUDE—1 cs, samples, Europe, Amsterdam; 95,446 bbls, Fagerfjell, Montreal

San Francisco Exports

Clearance Dates

Ariston, August 20; Charles Racine, August 25; City of Los Angeles, August 25; Coya, August 24; H D Collier, August 25; Hindanger, August 24; Hoegh Silverstar, August 17; Hopecrest, August 24; Kingsley, August 20; Knud Rasmussen, August 25; Loosdrecht, August 23; Modavia, August 21; Oakland, August 22; Pat Doheny, August 25; San Antonio, August 25; San Diego, August 24; San Ramon, August 23; Solheim, August 22; Tai Ping Yang, August 18; Thorshavn, August 23

ACETONE—62 dms, San Antonio, Belgium
ACETYLENE—2 cyls, Coya, Granada
ACID—1 cs, Tai Ping Yang, Hongkong
BATTERY—1 cs, Hoegh Silverstar, Samarang
BORIC—50 sks, City of Los Angeles, Havana; 20 sks, 30 bgs, San Antonio, Colombia
BORIC, POWD—1 kg, Tai Ping Yang, Hongkong
CITRIC—1 cs, Coya, Corinto
MURIATIC—12 crbys, Coya, Amapala
AMMONIA, ANHYDR—10 cyls, Coya, Tocopilla
ANISE—1 sk, Coya, Puntarenas
APRICOT KERNELS—30 sks, Oakland, Hamburg; 660 cs, Hindanger, Belgium
ASPHALT—(Hoegh Silverstar) 518 dms, Singapore; 2,848 dms, Karachi; 532 dms, Bombay; 75 bbls, Kingsley, Vancouver; (Coya) 20 dms, Callao; 921 bbls, La Union; 178 bbls, Corinto
GILSONITE—58 sks, Oakland, Hamburg
BLACK, CARBON—10 cs, Hoegh Silverstar, Sourabaya
BLEACHING POWDER—7 dms, Tai Ping Yang, Hongkong
BONE ASH—(Coya) 2 bbls, Mazatlan; 2 bbls, Arica; 2 dms, La Union
BORAX—3 sks, Coya, San Miguel
CALCIMINE—2 bbls, 50 sks, Kingsley, Vancouver; 114 cs, Coya, Callao
CARBON BISULPHIDE—2 cs, Kingsley, Victoria; (Coya) 30 dms, Corinto; 155 dms, Mazatlan; 10 dms, Guatemala
CATGUT, SURGICAL—2 cs, Tai Ping Yang, Hongkong
CEMENT, RUBBER—340 gls, Hoegh Silverstar, Manila
CHARCOAL—1 kg, Tai Ping Yang, Hongkong
CHEMICALS—1 cs, 5 kgs, Hoegh Silverstar, Manila; (Coya) 20 cs, San Salvador; 1 cs, Arica
CHLORINE, LIQ—8 cyls, Coya, Corinto
CHLOROFORM—3 cs, Tai Ping Yang, Hongkong
CINNAMON—(Coya) 4 bls, Puntarenas; 10 bls, Champerico; 1 bl, Corinto; 2 bls, Amapala; 10 bls, San Jose de Guatemala
CLEANER—10 pls, City of Los Angeles, Balboa
GLASS—300 cs, Kingsley, Shellburn
CLOVES—(Coya) 1 bl, Puntarenas; 2 sks, La Libertad
COALTAR—2 dms, Coya, San Miguel
COLOR, DRY—4 bls, Hopecrest, Manila; 6 bbls, Coya, Manzanillo; 40 sks, Kingsley, Vancouver
CREAM TARTAR—2 kgs, Coya, Corinto
DENTIFRICES—17 cs, Hoegh Silverstar, Singapore; 7 cs, Tai Ping Yang, Hongkong
DISINFECTANT—2 dms, Tai Ping Yang, Hongkong
EPSOM SALT—200 sks, Coya, Manzanillo
ETHER—5 cs, Tai Ping Yang, Hongkong
FIG CONCE—30 cs, Kingsley, Vancouver
FILTER SHEETS—2 cs, Kingsley, Vancouver
FIRECLAY—800 sks, Modavia, Vancouver
FISHMEAL—10 sks, Coya, San Jose de Guatemala
FLUORSPAR—1 kg, Tai Ping Yang, Manila
FLY SPRAY—3 cs, Coya, Callao
GASOLINE—900 dms, Hoegh Silverstar, Manila; 121,478 bbls, Loosdrecht, Hamburg; (Coya) 2,500 bbls, Puntarenas; 10 dms, Champerico
AVIATION—99,000 bbls, H D Collier, Hamburg
GLASS, BORAX—5 cs, Tai Ping Yang, Manila; 3 cs, Coya, La Union
GLAUBER'S SALT—17 bbls, Kingsley, Vancouver
GLUCOSE—(Tai Ping Yang) 5 cs, Hongkong; 30 bbls, Manila
GLUE—3 bbls, Cota, Guatemala
DRY—2 cs, Hoegh Silverstar, Manila
GLYCERIN—3 cs, Tai Ping Yang, Hongkong
GRAPHITE—5 sks, Kingsley, Vancouver
GREASE—8 cs, 3 dms, Hoegh Silverstar, Singapore; (Kingsley) 9 bbls, 15 half bbls, 110 pls, 130 cs, Vancouver; 223 dms, 330 pls, 34 cs, Shellburn; 10 dms, Hopecrest, Bangkok; (Coya) 1 cs, 2 pls, Guatemala City; 10 dms, 20 pls, 1 cs, 3 half dms, 40 qtr dms, Mazatlan; 60 pls, Guayaquil; 3 dms, 2 cs, Callao; 41 cs, 2 bbls, La Union; 2 dms, Puntarenas
CUP—40 cs, Coya, Acajutla
GYPSUM—100 sks, Hoegh Silverstar, Manila; 3 cs, Tai Ping Yang, Hongkong
HOPS—10 cs, Coya, Quito
INK, PRINTING—9 cs, Hoegh Silverstar, Cebu; 5 kits, 4 pls, 1 dm, Kingsley, Vancouver; 124 dms, 20 pls, Coya, Valparaiso
INSECTICIDE—1 cs, Kingsley, Shellburn; 3 dms, Coya, Valparaiso; 6 dms, 4 cs, San Antonio, Colombia
AGRICULTURAL—6 dms, 4 cs, San Antonio, Colombia
IODIDE—1 cs, Tai Ping Yang, Hongkong
IODINE CRYSTALS—1 cs, Tai Ping Yang, Hongkong
IRON OXIDE—10 bbls, Hoegh Silverstar, Manila
KEROSENE—88,240 bbls, Solheim, Curacao; (Coya) 500 cs, Guatemala; 1,000 cs, Corinto; 100 cs, Amapala
LACQUER—(Coya) 7 pls, Mexico City; 1 cs, Guatemala
LEAD ACETATE—1 keg, Tai Ping Yang, Manila
FOIL—1 cs, Coya, La Union
RED—200 kegs, Tai Ping Yang, Manila
RED, DRY—50 kegs, Tai Ping Yang, Manila; 1 dm, Kingsley, Vancouver
WHITE—100 kegs, Tai Ping Yang, Manila
LIMESTONE, POWD—7 sks, Knud Rasmussen, Puerto Armuelles
LITHARGE—1 dms, Kingsley, Vancouver; (Coya) 10 kegs, Mazatlan; 2 pls, La Union
MAGNESIA CARBONATE—4 sks, Coya, Corinto
SULPHATE—2 sks, Tai Ping Yang, Hongkong
MANGANESE DIOXIDE—30 sks, Hoegh Silverstar, Manila
MEDICINAL PREPS—27 cs, Hoegh Silverstar, Manila; 1 cs, Tai Ping Yang, Hongkong; (Oakland) 4 cs, Panama; 3 cs, Curacao
MILK POWDER—150 bbls, Hoegh Silverstar, Manila; 28 cs, Tai Ping Yang, Hongkong
MINERAL SPTS—10 bbls, Coya, La Union; 5 dms, San Antonio, Colombia
NITROCELLULOSE — 2 dms, Kingsley, Victoria
NUTMEGS—2 sks, Coya, San Salvador
OAK CHIPS—30 sks, Tai Ping Yang, Manila
OIL, COCONUT—(Coya) 31 dms, San Jose de Guatemala; 3 dms, Pimental; 25 cyls, Puntarenas; 1 cs, 17 dms, City of Los Angeles, Havana; 25 dms, Knud Rasmussen, Puerto Armuelles
COTTONSEED, HYDROGENATED—8 dms, City of Los Angeles, Havana
DIESEL—(Ariston) 49,112 bbls, Moji; 52,620 bbls, Nagasaki; 49,112 bbls, San Ramon, Japan; 38,588 bbls, Charles Racine, Japan
FISH, HYDROGENATED—50 bls, Oakland, Panama; 15 sks, Coya, Amapala
FLOTATION—5 dms, Kingsley, Allenby
FUEL — 22,967 bbls, San Ramon, Japan; 68,197 bbls, San Diego, Japan; 11,155 bbls, Charles Racine, Japan
LINSEED—1 cs, 5 dms, San Antonio, Colombia
LUBRICATING—(Hoegh Silverstar) 68 dms, 1 cs, Manila; 15 dms, Belawan; 18 dms, Sourabaya; 185 dms, Port Swettenham; 530 dms, Karachi; 300 dms, Bombay; 10 dms, Penang; 20 dms, Madras; 25 dms, 1 cs, Batavia; 186,641 gls, Tai Ping Yang, Tsurumi; (Kingsley) 20 dms, Shellburn; 1 cs, Vancouver; 46,886 bbls, Thorshavn, Japan; (Hopecrest) 1 dm, 20 cs, Tientsin; 90 dms, Bangkok; (Coya) 120 dms, Guayaquil; 31 dms, 37 cs, Puntarenas; 22 dms, 26 cs, Guatemala City; 8 dms, Pisco; 220 dms, 5 cs, Mazatlan; 7 dms, La Union; 8 dms, San Jose de Costa Rica; 25 dms, Talara; 35 dms, Callao; 30 dms, Valparaiso; 1 dm, Champerico; 23 dms, Corinto
ROSIN—2 dms, Kingsley, Victoria
SARDINE—6 pls, Hoegh Silverstar, Manila
TRANSMISSION — 3 cs, Hoegh Silverstar, Singapore
OXYGEN—(Coya) 7 cyls, Granada; 15 cyls, Corinto
PAINT—45 pls, 33 cs, Hoegh Silverstar, Singapore; 42 cs, 60 kgs, Hopecrest, Manila; (Coya) 100 dms, 55 cs, Guayaquil; 5 pls, 7 cs, Callao; 2 cs, La Libertad; 82 pls, Mexico City; 38 kgs, 14 cs, Guatemala; 110 cs, City of Los Angeles, Panama
ENAMEL—48 pls, Coya, Mazatlan
LIQUID—2 dms, Coya, Guatemala
PASTE—3 dms, Coya, Guatemala
ROOF—1 cs, 1 pl, Coya, Guatemala
PARAFFIN—12 sks, Kingsley, Vancouver; 400 sks, Coya, Callao
PEPPER—1 sk, Coya, Puntarenas
BLACK—(Coya) 11 sks, San Jose de Guatemala; 5 sks, Corinto; 2 sks, Amapala; 5 sks, La Libertad
PETROLATUM, YELLOW—8 dms, Tai Ping Yang, Hongkong
PETROLEUM—1 cs, Coya, Guatemala
CRUDE — 20,028 bbls, Thorshavn, Japan; 45,000 bbls, Charles Racine, Japan; 77,651 bbls, Pat Doheny, Shellburn
POLISH, METAL—7 cs, Kingsley, Victoria
POTASH CARBONATE—1 dm, Coya, Amapala
CAUSTIC—1 dm, Kingsley, Vancouver
IODIDE—1 cs, Coya, Mazatlan
XANTHATE—5 dms, Kingsley, Vancouver
QUICKLIME—1,111 dms, Hoegh Silverstar, Manila; 674 dms, Coya, Acajutla
QUICKSILVER—3 fisks, Tai Ping Yang, Manila
RESIN, SYNTH—25 dms, Tai Ping Yang, Manila
SALT—533 tons, 1 bbl, 400 sks, 50 cs, Kingsley, Vancouver
SOAP FLAKE—3 cs, Tai Ping Yang, Hongkong; 1 cs, Coya, Managua
SODA—19 dms, Tai Ping Yang, Manila
ASH—2 bbls, Tai Ping Yang, Manila; (Coya) 72 bbls, San Juan del Sur; 40 sks, Granada; 26 sks, Managua
BICARBONATE—1 kg, Tai Ping Yang, Hongkong
CAUSTIC—(Coya) 28 dms, San Juan del Sur; 15 dms, Managua; 6 dms, La Libertad
NITRATE—2 bbls, Tai Ping Yang, Manila
SILICATE—74 bbls, 64 dms, Kingsley, Vancouver; 60 dms, Modavia, Vancouver
SULPHIDE—29 dms, Kingsley, Vancouver; 10 dms, Coya, Manzanillo
XANTHATE—(Kingsley) 240 dms, Kimberley; 2 dms, Vancouver
SULPHUR—(Coya) 3 bbls, 6 sks, La Libertad; 14 bbls, 10 sks, Corinto; 4 sks, Acajutla
TALC, WHITE—2 sks, Coya, Corinto
TALLOW—(Coya) 35 dms, Amapala; 30 dms, San Jose de Guatemala
TANNING EXTRACT—1 bbl, Kingsley, Victoria
TAPIOCA—(Coya) 1 sk, Puntarenas; 2 sks, San Jose de Guatemala
TOILET PREPS—(Hoegh Silverstar) 2 cs, Cebu; 4 cs, Sourabaya; 2 cs, Kingsley, Vancouver; 2 cs, Coya, San Jose de Guatemala
VARNISH—(Coya) 8 pls, Mazatlan; 1 cs, Amapala
REMOVER—4 pls, Coya, Mexico City
WAX—2 cs, Hopecrest, Manila
ZINC DUST—34 cs, Hoegh Silverstar, Manila; 60 dms, Kingsley, Vancouver; (Coya) 93 cs, Amapala; 10 cs, La Union
OXIDE—2 kgs, Coya, Corinto
STEARATE—2 sks, Coya, Corinto

Savannah Exports

Clearance Dates

Adrastus, September 1; Tulsa, August 31

CLAY—(Tulsa) 2,640 bgs, Manchester; 220 bgs, Glasgow
COTTON LINTERS—(Tulsa) 25 bls, Manchester; 8 bls, Hamburg
GLUCOSE—(Adrastus) 15 bbls, Iloilo; 15 bbls, Manila
ROSIN, GUM—(Tulsa) 200 bbls, Liverpool; 300 bbls, Manchester; 200 bbls, Glasgow; 156 bbls, Hamburg
TURPENTINE, GUM—(Tulsa) 200 bbls, Liverpool; 300 bbls, Manchester; 200 bbls, Glasgow

Tampa Exports

Clearance Dates

Beloit, September 1; Cuba, August 31; General Tosta, September 2; Maria, September 1; Motagua, September 1

BAKING POWDER—1 crt, General Tosta, Cozumel
BLACK, LAMP—1 ctn, General Tosta, Cozumel
COLOR, PAINT—1 ctn, General Tosta, Cozumel
GASOLINE—2 dms, Beloit, Belize; 13 dms, General Tosta, Belize
LARD—30 tins, General Tosta, Cozumel
LYE—1 cs, Motagua, Roatan
OIL, COOKING—20 ctns, General Tosta, Cozumel
GAS—15 dms, General Tosta, Cozumel
OLIVE—1 ctn, General Tosta, Cozumel
PHOSPHATE ROCK—2,500 tons, Maria, Fiume
SALT—17 bxs, Motagua, Roatan
SOAP—32 cs, Motagua, Roatan
SODA—1 ctn, General Tosta, Cozumel
TALCUM POWD—1 cs, General Tosta, Cozumel
TAR—4 dms, Cuba, Havana
ZINC OXIDE—1 ctn, General Tosta, Cozumel

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—101,380 bbls, Esso Houston, Baytown; 93,145 bbls, Esso Boston, Baytown
OIL, GAS—106,314 bbls, Socony Vacuum, Beaumont
PETROLEUM, CRUDE—60,791 bbls, Federal, Houston; 43,606 bbls, Dannedaike, Texas City; 73,339 bbls, Olean, Providence; 99,376 bbls, Chester Sun, Baytown; 109,578 bbls, J A Moffett, Jr., Baytown; 67,793 bbls, Beta, Texas City; 70,710 bbls, Paulsboro, Baytown; 65,779 bbls, Franklin K Lane, Baytown; 149,364 bbls, John D Archbold, Baytown; 146,094 bbls, W S Farish, Baytown; 145,598 bbls, G Harrison Smith, Baytown

Los Angeles Coast Trade

GASOLINE—60,000 bbls, Camden, Seattle; 6,392 bbls, San Diegan, San Diego; 67,998 bbls, Mojave, Portland; 71,689 bbls, Dirigo, Portland; 80,259 bbls, Huguenot, Seattle; 9,314 bbls, San Diegan, San Diego; 17,038 bbls, La Purisima, San Diego
KEROSENE — 7,200 bbls, Camden, Seattle; 2,030 bbls, Dirigo, Portland
OIL, DIESEL — 8,000 bbls, Camden, Seattle; 1,523 bbls, San Diegan, San Diego; 7,215 bbls, Mojave, Portland; 1,456 bbls, San Diegan, San Diego; 2,155 bbls, La Purisima, San Diego
FUEL—65,908 bbls, Paul Shoup, Avon; 49,698 bbls, Brazos, San Diego; 9,700 bbls, Texada, Seattle; 66,057 bbls, Tejon, Portland;

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Fertilizer Materials

—*Continued from page 53*

Phosphates

Lower currency exchanges reduced the import price of precipitated dicalcium phosphate, but otherwise there was no shift in values of phosphate materials last week. Market interest was very dull. The Bureau of Census superphosphate report for July showed production of bulk material at 219,936 tons and production in wet base and mixed goods at 10,217 tons; July shipments were 125,942 tons; and end-of-month stocks were 1,058,452 tons in bulk and 400,882 tons in wet base and mixed goods. All of the aforementioned tonnages were expressed in equivalent tons of 16 percent a.p.a.

Bone Materials.—Imported precipitated dicalcium phosphate was cheaper because of lower currency exchanges. The importers offered the material at 77c. per unit against 80c. per unit previously. This price was c.i.f. Atlantic ports.

Superphosphate.—Prices continued in an unchanged position last week. The Baltimore suppliers were not moving much material out of the piles and the quotations were $7.50 per ton for the run of the pile basis 16 per cent, and $8 per ton for guaranteed 16 percent material, both in bulk, f.o.b. cars or vessel.

Sulphur and Pyrites

Acid manufacturers showed more interest in replenishing recent withdrawals from their sulphur piles. Producers reported a fair measure of increase in orders last week. Through the earlier part of the month and also in August the volume and frequency of delivery orders was not up to what might have been expected as a result of the "talk" of an upswing in general business activity this Fall. Last week's orders, however, were mildly active. Prices continued unchanged.

Markets at Other Centers

Baltimore, Sept. 15.—The market for crude fertilizer materials failed to emerge from dullness. The prevailing quotations were much the same as they have been, being as follows:—

FISH SCRAP.—The menhaden fishing down the Chesapeake Bay had picked up slightly during the previous week, but dropped back to low figures last week. Only one company is reported to be ahead of last season. The factories are still working on early contracts. Menhaden meal is held at $48 per ton in carload lots, with Japanese sardine meal at $43.50 per ton, c.i.f.

TANKAGE.—$2.50 and 10c. to $2.60 and 10c. per unit-ton for unground fertilizer stocks, and with ground supplies at $2.70 and 10c. to $2.80 and 10c. per unit-ton.

BLOOD.—$2.75 per unit-ton.

BONE.—$22 per ton for 1 and 60; $24 per ton for 3 and 50 ground steamed, and $27 per ton for 4½ and 50 ground raw stocks, all c.i.f.

Chicago, Sept. 15.—Trade has been fairly good in a modest way in the commodities included in the general fertilizer materials market. Purchases have tended to be held to rather limited totals. Inquiries have been fairly good in their total volume. Blood is moving out moderately well. Buying is mostly in small quantities, with most buyers interested in keeping their inventories rather low, and asking in many cases for prompt shipment. Bone materials are bought fairly well currently.

BLOOD.—Principal grade, $2.85 to $2.90 per unit of ammonia.

TANKAGE.—High grade, ground, $2.50 to $2.70 and 10c.; low grade, $18 to $20; hoof meal, $2.50 to $2.65; liquid stick, $1.75 to $2.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $19 to $20; 3 and 50 percent, $24 to $25; 4½ and 50 percent, $27 to $29; grinding hoofs, pigs' toes and waste horn materials, $40 to $50, mostly nominal; cattle jaws, skulls and knuckles, $18 to $19; pork cracklings, soft pressed, $37.50 to $40; beef cracklings, soft pressed, $27.50 to $30; hard pressed cracklings, per unit of protein, 52½c. to 57½c.

San Francisco, Sept. 13.—While there has been a routine call for animal products like blood, bone and tankage, with supplies of the larger packing houses sold out for the next month or six weeks, the crude fertilizer materials market is otherwise generally quiet. Spotty evidence of a need for fish meal is present, the price of this commodity slipping slightly last week as supplies became more plentiful. Major buying for the coming year is, of course, a thing of the past right now, and growers and mixers are contenting themselves to sit quietly by insofar as chemicals are concerned. Harvest of California's crops is now in full swing and this feature is receiving most of the attention of consumers for the present. Deliveries for Fall application will not be ordered out for a few weeks yet.

Ruling prices were:—

SULPHATE OF AMMONIA.—Quoted in 100-pound bags at $31.50 per ton, port basis, San Francisco and/or Los Angeles harbor. Inland points, delivered, $1 per ton extra. Prices in effect through June, 1939.

NITRATE OF SODA.—100-pound bags, $29 per ton ex vessel or warehouse, San Francisco/Oakland; 200-pound bags, $28.30 per ton ex vessel or warehouse, San Francisco/Oakland.

SUPERPHOSPHATE.—Domestic, 75c. per unit in bulk, f.o.b. producer's plant, San Francisco Bay. Bags quoted at 85c. per unit. Foreign material nominal.

AMMONIA PHOSPHATE.—Quoted at $40 per ton, single bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

FISH MEAL.—California sardine meal, early delivery, is quoted on the basis of $35.50 per ton, f.o.b. cars, Monterey, and $36 per ton, f.o.b. cars, San Francisco Bay.

TANKAGE.—Unground fertilizer grade tankage, wet rendered, from domestic packing houses, quoted nominally on the basis of $2.50 to $2.60 and 10c. per unit-ton, f.o.b. cars, San Francisco. Higher grade, quoted at $3.10 and 10c. Dry rendered, ground, quoted on the basis of $35 per ton, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c. per unit of protein.

BLOOD MEAL.—Domestic, $2.70 per unit, nominally, f.o.b. cars, San Francisco.

Bids Wanted

Aluminum Bronze Powder:—4,800 pounds; Commanding Officer, Rock Island Arsenal, Ill.; procurement 174, opening September 21.

3,200 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 216, opening October 10.

Alumina Sulphate:—41,245 pounds; Quartermaster, Marine Corp, Washington, D. C.; schedule 157, opening September 19.

Benzol:—60,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 215, opening October 10.

Cadmium:—500 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 214, opening September 26.

Chamois:—300 skins; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; procurement 26, opening October 10.

Chlorine:—60,000 pounds; General Purchasing Officer; Panama Canal, Washington, D. C.; schedule 3384, opening September 30.

Gasoline:—Supplies for October and November; U. S. Engineer Office, Post Office building, Chicago, Ill.; procurement 24, September 21.

Ethyl:—180,000 gallons; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3383, opening September 29.

Motor:—800,000 gallons; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3383, opening September 29.

Glue:—200 pounds of marine; Supply Officer, Navy Yard, Philadelphia; requisition P-326 NSA, opening September 22.

Kerosene:—275,000 gallons; General Purchasing Officer, Panama Canal, Washington, D. C.; schedule 3383, opening September 29.

Nickel, Electrolytic:—50,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 900-2063, opening September 23.

Oil Asphaltic:—7,011 gallons; State Procurement Office, Treasury Department, Newark, N. J.; procurement 26,118, opening September 20.

22,300 gallons; State Procurement Office, Treasury Department, Newark, N. J.; procurement 26,120, opening September 20.

6,442 gallons; State Procurement Office, Treasury Department, Newark, N. J.; procurement 26,117; opening September 20.

24,490 gallons; State Procurement Office, Treasury Department, Newark, N. J.; procurement 26119, opening September 20.

Lard:—500 gallons; Commanding Officer, Frankford Arsenal, Philadelphia; procurement 231, opening September 20.

Pitch, Coaltar:—1,800 pounds; Office of Constructing Quartermaster, Fort Sill, Okla.; procurement 6143-25, opening September 22.

Salt:—585,000 pounds; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 4360, opening October 18.

Scouring Compound:—8,000 pounds; Naval Supply Depot, Norfolk, Va.; schedule 9761, opening September 20.

Soda, Caustic:—5,040 cans; Purchasing Agent, Post Office, Department, Washington, D. C.; procurement 787, opening September 28.

Spices:—Supplies for various yards; Bureau of Supplies and Accounts, Navy Department, Washington, D. C.; schedule 4363, opening October 4.

Starch, Corn:—139,000 pounds for Eastern and Western yards; Bureau of Supply and Accounts, Navy Department, Washington, D. C.; schedule 4353, opening October 18.

Tar:—2,500 gallons cold application for Sault Ste. Marie, Mich.; U. S. Engineer Office, Federal building, Detroit, Mich.; procurement 13, opening September 20.

Turpentine:—1,000 gallons; Commanding Officer, Rock Island Arsenal, Ill.; procurement 173, opening September 21.

Contracts Awarded

Lead, Red:—25,000 pounds; awarded to Augusta Miller & Son, Baltimore, by the Army Engineer Corps, Philadelphia, at 8c. per pound.

White:—4,000 pounds; awarded to John Lewis & Bros., Philadelphia, by the Army Engineer Corps, Philadelphia, at 7.08c. per pound.

Naphthalene, Refined:—14,000 pounds; awarded to the Naphthalene Products Company, Birmingham, Ala., by the Quartermaster Depot, Jeffersonville, Ind., at 6.18c. per pound; circular 24, opened August 30.

Mary Pickford Cosmetics, Inc., has leased offices in the Empire State building, this city.

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

Fully protected by Copyright

Two-hundred-forty-fifth Instalment

Marine Paints

Antifouling Ingredients for Marine Paints

(Continued from September 12 issue)

Condensation products of—
- (3) Chlorophenol with 2:4:6-trichlor-3-hydroxybenzaldehyde
- (4) Formaldehyde with 2:5-dichlorophenol
- (5) Formaldehyde with phenol
- (6) Formaldehyde with technical mixture of meta and para cresols
- (7) Parachlorophenol with trichlorobenzyl chloride
- (8) Paramethylbenzyl alcohol with para-chlorophenol

Copper acetate
Copper compounds
Copper linoleate
Copper oleate compounds
Copper oxide
Copper resinate
Copper salts
Copper subacetate
Copper sulphate
Copper sulphide
Copper sulphocyanide
Copper-mercuric oxide
Deguelia derivatives
Derris derivatives
Dihydroxyditolylmethane
Dihydroxytetrachloro-diphenylmethane
Dihydroxytolylmethane
Diphenylaminochloroarsin
Diphenylchloroarsin
Diphenylcyanoarsin
Ethyl-mercury chlorides
Ethyl-mercury compounds
Ethyl-mercury-chlorophenol
Ethyl-mercury-cresol
Ethyl-mercury-cyanocresol
Ethyl-mercury-furfuramide
Ethyl-mercury-nitrophenol
Ethyl-mercury-phenyl
Fluorides
Hydrocarbon-lead phenolates
Hydroxyethyltriphenyl-phosphonium chloride
Lanthanum acetate
Lead arsenate
Lead-mercury acetate
Lonchocarpus derivatives
Mercury aminochlorides
Mercury chloride
Mercury compounds
Mercury oleate
Mercury palmitate
Mercury stearate
Mercury-ethyl derivatives
Metal acetates
Moldex
Naphthol
Organic arsenic compounds containing 2-phenyl groups
Organolead phenolates
Orthocresol with dinitro-orthocresol
Orthohydroxyquinolin sulphate
Parachlorometacresol
Paris green
Phenol
Polymethylhydroxybenzene
Rotenone
Schweinfurth green
Sodium orthophenylphenate
Sodium silicofluoride
Sulphurous acid
Tephrosia derivatives
Thorium acetate
Thymol
Tin acetate
Trialkyl-lead phenolate
Triethyl-lead cresolate
Triethyl-lead monohydric phenolate
Triethyl-lead naphtholate
Triethyl-lead phenolate
Triethyl-lead polyhydric phenolate
Verdigris
Vermilion
Zinc dust
Zinc oxide
Zinc silicofluoride

Antiskinning Agents for Marine Paints

Bartyl
Butyl lactate
Guai-a-phene
Orthodichlorobenzene
PA 1,2,3,4, and 10
P.O.H.

Bituminous Materials Used in Marine Paints

Bermudez asphalt
Coaltar pitch
Fatty acid pitches
Gilsonite
Grahamite
Glance pitch
Petroleum asphalt
Pinetar pitch
Manjak
Trinidad asphalt
Watergas-tar pitch
Wood pitch
Wurtzelite pitch

Blistering Preventives Used in Marine Paints

(Paints must be free from iron oxide, lime, resin)

Diethyleneglycol
Dipropyleneglycol
Ethyleneglycol
Glycerin
Pentaerythritol
Polyglycerols
Polyhydric alcohols
Propyleneglycol

Driers Used in Marine Paints

Abietic acid
Acetonephenylhydrazone
Aliphatic ketonephenylhydrazones
Aluminum linoleate
Aluminum oleate
Aluminum palmitate
Aluminum resinate
Aluminum stearate
Ammonium metavanadate
Calcium linoleate
Calcium naphthenate
Calcium resinate
Calcium stearate
Cobalt acetate, calcined
Cobalt acetate, calcined, with naphthenic acid in volatile organic solvents
Cobalt carbonate
Cobalt chloride, anhydrous
Cobalt hydrate
Cobalt japan driers
Cobalt linoleate
Cobalt naphthenate
Cobalt naphthenic acid salt in free fatty acid of a drying oil
Cobalt nitrate
Cobalt oleate
Cobalt oxide
Cobalt resinate
Cobalt sulphate
Cobalt sulphocyanide
Cobalt sulphocyanide-hexamethylenetetraminepyridin
Cobalt uversols
Cobalt with fatty acids such as those of coconut oil
Cobalt with naphthenic acid and volatile organic solvents
Cobalt-acetylacetone
Cobalt-antrosoacetophenone
Cobalt-benzyldioximepyridin
Cobalt-lead paste
Cobalt-2-nitroso-1-naphtholpyridin
Cobalt-nitroso-orthoacetophenone
Copper erutate
Copper linoleate, fused
Copper linoleate, precipitated
Copper oleate
Copper resinate, fused
Copper resinate, precipitated
Copper naphthenate, fused
Copper naphthenate, precipitated
Copper with fatty acids, such as those of coconut oil
Ferric oleate
Ferrous sulphate
Hydrocarbon-lead phenolate
Lead acetate
Lead borate
Lead carbonate
Lead chloride
Lead erutate
Lead laurate
Lead linoleate
Lead naphthenate
Lead naphthenic acid salt in free fatty acid for a drying oil
Lead oilsolate
Lead oleate
Lead oxalate
Lead oxide
Lead peroxide
Lead resinate
Lead stearate
Lead tartrate
Lead uversol
Lead with fatty acids, such as those of coconut oil
Lead-manganese resinate
Lead-manganese rosinate
Litharge
Magnesium oleate
Manganese acetate
Manganese borate
Manganese carbonate
Manganese citrate
Manganese chloride
Manganese dioxide
Manganese formiate
Manganese hydrate
Manganese linoleate
Manganese naphthenate
Manganese oleate
Manganese oxalate
Manganese peroxide, hydrated
Manganese resinate
Manganese,rosinate, fused
Manganese salts with fatty acids, such as those of coconut oil
Manganese stearate
Manganese sulphate
Manganese tartrate
Manganese tungate
Manganese uversols
Manganese-lead resinate
Manganic oxide, hydrated
Metal naphthenates
Naphthenic acid salts of calcium, cobalt, lead, managanese or zinc in free fatty acid of a drying oil
Nickel linoleate
Nickel naphthenate
Nickel resinate
Nuodex-cobalt
Nuodex cobalt-lead
Nuodex cobalt-zinc
Nuodex copper
Nuodex driers
Nuodex iron
Nuodex lead
Nuodex manganese
Nuodex managanese-lead
Nuodex mercury
Nuodex zinc
Oilsolate driers
Organolead phenolates

(To be continued)

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 59 John Street, New York

Agencies Wanted

VARNISH, PAINT and allied trades. We offer favorable opportunity for handling your products in Europe from London office. We have well established connections with all of the important English and continental markets. Can act as agent for finished products or arrange for local production or finishing. BOX 118, Oil, Paint and Drug Reporter.

ESTABLISHED Cincinnati firm, covering part of Ohio and also Louisville, Kentucky, would be interested in representing producers of raw materials for the paper, soap, paint, rubber, ink or other industries. BOX 119, Oil, Paint and Drug Reporter.

Agents Wanted

SALES REPRESENTATION wanted in the following cities by a manufacturer of mineral and chemical pigments. Only concerns with established following are desired. References are required which will be strictly investigated. Boston Mass.; Providence, R. I.; Baltimore, Md.; Washington, D. C.; Richmond, Va.; State of Florida; Birmingham, Ala.; New Orleans, La.; Pittsburgh, Pa.; Cleveland, Ohio; Cincinnati, Ohio; Akron, Ohio; Indianapolis, Ind.; Buffalo, N. Y.; Detroit, Mich.; Grand Rapids, Mich.; Milwaukee, Wis; Minneapolis and St. Paul, Minn.; Kansas City, Mo.; State of Texas; Toronto, Canada; Los Angeles, Cal.; Columbus, Ohio; Toledo, Ohio. BOX 986, Oil, Paint and Drug Reporter.

Capital Offered

CAPABLE and industrious executive will invest up to $25,000 for half-interest in a going business in chemical or allied field. Prefer business requiring additional capital and services for expansion. BOX 106, Oil, Paint and Drug Reporter.

Equipment Offered

CONSOLIDATED OFFERS.—Ten No. 3 Rotex sifters, motor driven; two 24-inch Mikro pulverizers; twelve vacuum dryers, shelf and rotary type; nine W. & P. mixers; five Sweetland filters; twenty plate type filter presses; thirty centrifugal machines; miscellaneous; rotary dryers, pulverizers, jacketed kettles, etc. Send for complete listing. We buy and sell from a single item to a complete plant. Consolidated Products Co., Inc., 15-17-19 Park Row, New York City.

FOR SALE—Two 6x8 pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

Equipment Offered

LIQUIDATING SEVERAL large plants—4 600-gal. Buffalo vac. crystalizers; jack. agit. vac. stills from 25 to 2,000 gals., glass lined and steel; storage tanks from 25 to 2,000 gals.; glass lined and steel; 3 ft. x 15 ft. rotary vac. dryer; Hardinge mill, 6 ft. x 36 in.; pebble and jar mills from lab. to 250 gals. capacity; filter presses up to 36 in. square; Stedman 42-in. disintegrator; W. & P. jack. mixer, size 15; tablet machines, ½ in. to 2 in., single punch and rotary. Mixers, crushers, pulverizers, roller mills, etc. Send for complete listing. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

FOR SALE—Kent 3-roll, water-cooled mill, 12 in. x 30 in., belt driven; copper varnish kettle on truck, 31 in. x 36 in.; closed steel varnish tanks, 5 ft. x 7 ft., and 6 ft. x 6 ft. x 7 ft., with manholes; DeLaval clarifier for gasoline, No. 600, belt driven; open steel lead-lined tank with agitator, 500-gals.; Kent flat stone paint mills, 18 in. to 24 in., belt driven; all sizes and makes of filter presses. R. Gelb & Sons, 214 Livingston street, Newark, N. J.

Factories Offered

BRICK FACTORY, 25,000 sq. ft., modern fireproof sprinklered building, elevator, excellent light; steam, railroad siding; unrestricted distinct in Brooklyn. Bargain—sale or lease. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Plant Space

PLANT SPACE for rent—Complete cooking equipment for making varnish and paint vehicles. Three gas burners, fume condenser, pump, cooking kettles and storage facilities. Ideal technical layout. Available at once. X-Pando Corporation, 43-15 36th street, Long Island City, N. Y. STillwell 4-7180.

Positions Vacant

COLOR MATCHER wanted by manufacturer of dry mineral pigments; experience in manufacture of synthetic yellow oxides and chromium oxide desirable; excellent opportunity for superior man; state age. BOX 107, Oil, Paint and Drug Reporter.

VARNISH MAKER—Thoroughly experienced in research, formulation, manufacture and control of lithographic, metal decorating and synthetic varnishes. Thorough knowledge of these vehicles absolutely essential. Give complete personal details and past experience. New plant. BOX 111, Oil, Paint and Drug Reporter.

Positions Wanted

EXPORT position or foreign assignment wanted by young man having ten years' foreign trade experience large American industrial chemical manufacturer, including four years sales and branch management capacity South America. American; college graduate; age 31; knows Spanish, oral and written; moderate salary. BOX 998, Oil, Paint and Drug Reporter.

PAINT and varnish maker of the first caliber wants to manage small paint and varnish business with a view to increase business and make it successful. Produces the best selling flat whites, gloss whites, enamels, varnishes and a full line. A good volume of profitable business is assured. BOX 102, Oil, Paint and Drug Reporter.

YOUNG MAN seeks position, sales or office, in New York or nearby area. Over fifteen years with a national paint and varnish manufacturer. Wide buyer acquaintance. Fine experience. Complete resume upon request. Christian. Married. Age 36. BOX 103, Oil, Paint and Drug Reporter.

YOUNG CHEMIST, Ph.D. Vienna University, well trained in inorganic, organic analytics and synthesis, seeks position as analyst or research chemist. Apply to P. H. Lowy, 238 E. Northampton street, Wilkes-Barre, Pa.

CHEMIST—Eight years' experience formulating industrial lacquer and alkyd-resin finishes. Capable of research and development in either field. Particular experience in lacquer finishes for rubber and rubberized fabric. Single; age 28; references. BOX 113, Oil, Paint and Drug Reporter.

EXPORT MANAGER of important Hamburg firm, aged 36, having directed and organized business in drugs, chemicals and gums for 16 years, specializing in south and central American markets, extensive connections, immigrating to U.S.A. end of this year, desires position with first class New York concern anxious to establish export to countries mentioned. Best references given and desired. BOX 114, Oil, Paint and Drug Reporter.

CHEMIST—Thoroughly experienced in paint and varnish formulation. Can make shelf goods, paints for maintenance work, casein paints, etc. Desire to connect with a progressive concern. BOX 115, Oil, Paint and Drug Reporter.

Positions Wanted

PHARMACEUTICAL CHEMIST — Columbia graduate, B.S. 1936, single, age 23, desires position as pharmaceutical or analytical chemist; experienced in analysis and assay of pharmaceuticals and chemicals. BOX 117, Oil, Paint and Drug Reporter.

LACQUER CHEMIST, presently employed, seven years' experience, with knowledge of formulation, seeks better opportunity. BOX 116, Oil, Paint and Drug Reporter.

TECHNICALLY TRAINED man desires position in complete charge of paint and varnish plant. Fourteen years' experience, formulation, air dry and baking finishes, all types. Automobile undercoats and finishes, and varnish cooking. Excellent experience in the production of the finest line of shelf goods. Location Middle West desirable but not essential. BOX 120, Oil, Paint and Drug Reporter.

BETWIXT AND BETWEEN—A young man received regular advancement and remuneration approaching five figures in sales position not altogether to his liking. Seeks connection as liaison between plant and sales force which more closely would conform to his inclinations and capabilities. In chemical or allied concerns of middle size this field might include promotion of new items, complaints, handling the less profound customer requests for information, circulars, etc. Southwest coast or middle west connection preferred. Initial salary not of entire importance. BOX 121, Oil, Paint and Drug Reporter.

PRINTING INK and color chemist desires position with reliable firm in either field. BOX 122, Oil, Paint and Drug Reporter.

Services Offered

CHEMISTS and chemical engineers—If you are now unemployed, send your complete chronological record of education and experience to Chemist Advisory Council, 300 Madison avenue, New York City.

Surplus Stock

BUYERS of any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

FAITH . . .

— is the keystone of our business. Many of our customers buy without the formality of inspection — because they know that our used machinery* is Guaranteed Good. You may buy with confidence from "Consolidated."

CONSOLIDATED PRODUCTS CO., Inc.
15-17-19 Park Row, New York City BArclay 7-0600
Plant: Newark, N.J. Cable: EQUIPMENT N. Y.

**See "Equipment Offered" above, for our Classified Listings.*

Los Angeles Coast Trade

—Continued from page 58

OIL, FUEL (Continued):—
7,332 bbls, Mojave, Portland; 2,359 bbls, Coast Miller, Portland; 45,071 bbls, Brandywine, Tacoma; 2,000 bbls, Scotia, Eureka; 6,538 bbls, La Purisima, San Diego; 49,895 bbls, Topila, Portland
ROAD—6,524 bbls, La Purisima, San Diego
PETROLEUM, CRUDE — 75,890 bbls, Cathwood, Oleum

Recent Charters

OIL, WHALE—9,870 tons, S S Bello, Antarctic round voyage, charterers paying extra insurance, 7s; November-December
5,000 tons, S S Cerinthus, Vlaardingen, Brombrough, 6s 9d; four consecutive voyages commencing September
PETROLEUM—3,663 tons, S S Vanja, dirty, Mexico to United Kingdom, Continent, 14s 6d; October
4,802 tons, S S W R Lundgren, dirty, Mexico to United Kingdom, Continent, 14s 6d; October
12,500 tons, S S Pericles, reported three-five months time charter (private terms)
15,000 tons, S S O A Knudsen, clean, San Pedro, United Kingdom, Continent, 18s; San Francisco, 18s 6d; September-October
3,224 tons, S S Ruth, clean, part cargo 4,500 tons, Constanza to Hamburg, 10s; October
OIL, PETROLEUM (Continued):—
5,360 tons, S S Inverdargle, part cargo, clean, 10,000 tons, Black Sea to Avonmouth-Coryton, 10s 3d; Grangemouth, 10s 9d; September
4,373 tons, S S Voreda, clean, Abadan to United Kingdom, Continent, 20s 6d; September
6,529 tons, S S Eleanor Maersk, dirty, Aruba to Dakar, 7s 4½d; October
7,145 tons, S S Walter Rau, Aruba to United Kingdom, Continent, 10s; September-October
SODA NITRATE—1,112 tons, S S Elle, Hopewell to Alexandria, $3.50; September
SOYBEAN—3,352 tons, S S Bjonn, Dairy to United Kingdom, Continent, 28s 3d; October
7,800 tons, S S Kayeson, Dairen to Rotterdam, Hamburg, 26s 6d; October 1-15

Cargo Ship Arrivals

September 10 to September 23

New York

Agwidale	Tampico*	Sept. 13
American Farmer	London*	Sept 19
American Shipper	Manchester*	Sept 12
Ancon	Cristobal*	Sept 12
Antigua	Puerto Barrios*	Sept 15
Aquitania	Southampton*	Sept 13
Barbarigo	Trieste*	Sept 20
Berlin	Bremen*	Sept 12
Bergensfjord	Oslo*	Sept 19
Black Osprey	Antwerp*	Sept 18
Black Tern	Antwerp*	Sept 19
Bonheur	Santos*	Sept 20
Borinquen	Trujillo*	Sept 12
Californian	Tacoma*	Sept 14
Cameronia	Glasgow*	Sept 18
Charles R McCormick	Portland*	Sept 12
Chiriqui	Puerto Colombia*	Sept 15
City of Bath	Calcutta*	Sept 14
City of Los Angeles	San Francisco*	Sept 12
City of San Francisco	San Francisco*	Sept 19
Conte di Savoia	Genoa*	Sept 22
Cypria	Marseilles*	Sept 12
De Grasse	Havre*	Sept 19
Drottningholm	Gothenburg*	Sept 22
Dunstan	Pernambuco*	Sept 21
Eastern Prince	Buenos Aires*	Sept 15
Emergency Aid	San Francisco*	Sept 19
Erviken	Port Alberni*	Sept 19
Europa	Bremen*	Sept 15
Excalibur	Jaffa*	Sept 15

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug act or did not comply with other customs regulations, included the following articles for the reasons stated:—

New York

Week Ended September 14.

Cassia oil, 10 drums; not U.S.P.
Chamomile flowers, 25 cases; not N.F.
Codliver oil, 900 barrels; nondestearinated and not so labeled.
Cod oil, industrial, 300 barrels; restricted use.
Medicinal preparations, 1 case; preservative not declared.
Medicinal preparations, 3 cases; false therapeutic claims.
Medicinal preparations, 1 case; dangerous drug under F. D. & C. Act.
Medicinal preparations, 2 cases; new drug under F. D. & C. Act.
Nutmegs, 749 bags; restricted use.
Pollack liver oil, 38 drums; restricted use.

GUARANTEED
NEW AND REBUILT EQUIPMENT
FOR THE CHEMICAL AND PROCESS INDUSTRIES

FIRST
MACHINERY CORP.

419 Lafayette St.
New York, N.Y.
LIQUIDATORS
APPRAISERS
Cable: EFFEMCY

Baltimore

Week Ended September 14.

Codliver oil, 25 barrels; restricted use.
Cod oil, industrial, 153 drums; restricted use.

Boston

Week Ended September 14.

Medicinal preparations, 4 packages; false therapeutic claims.

Los Angeles

Week Ended September 8

Nutmegs, 40 bags; decomposed (wormy and moldy).

Philadelphia

Week Ended September 14.

Medicinal preparation, 1 case; false therapeutic claims.

Seattle

Week Ended September 8

Cocoa beans, 295 bags; decomposed (wormy and moldy).

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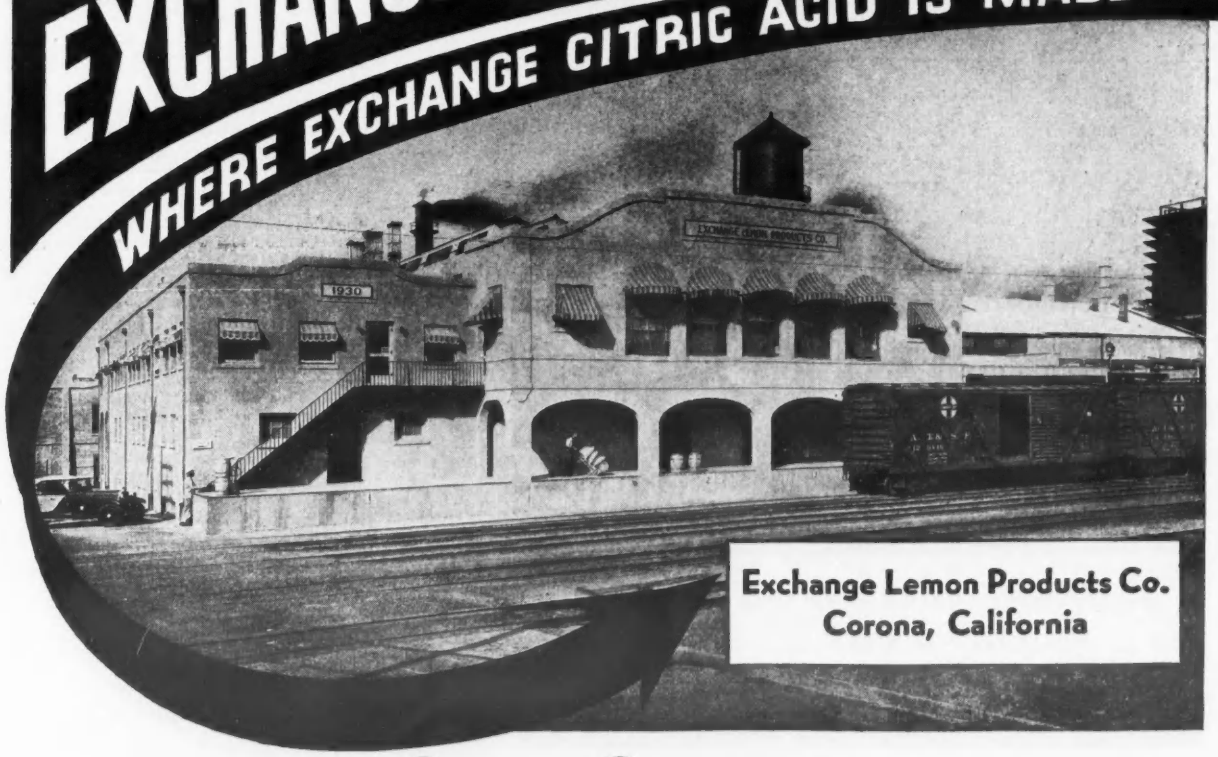

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Dichlorethylene—"Di-48-60" (Mixture of Di-48 and Di-60)	119.1	10.61
Chloroform	142.2	12.43
Carbon Tetrachloride	170.1	13.31
Trichlorethylene	188.1	12.20
Trichlorethane (Beta)	236.3	12.04
Tetrachlorethylene (Perchlorethylene)	249.4	13.55
Tetrachlorethane (Acetylene Tetrachloride)	295.3	13.31
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